## GENERAL CONSTRUCTION NOTES

### NOTES APPLY BASED ON PROJECT WORK SCOPE

- 1 CONTRACTOR SHALL READ AND UNDERSTAND ALL NOTES INCLUDED HEREWITH AND ADHERE CAREFULLY TO THEM THROUGHOUT ALL PHASES OF THE PROJECT.
- 2 ALL NEW CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH LOCAL BUILDING CODES AND 2011 OBC CHAPTER 11 ICC ANSI A117.1 AND OTHER ACCESSIBILITY REGULATIONS.
- 3 ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT. (OSHA)
- 4 FURNISH AND INSTALL ALL CONSTRUCTION, MECHANICAL, ELECTRICAL, PLUMBING, AND FOUNDATION SYSTEMS AS REQUIRED TO ACCOMMODATE THE DESIGN REQUEST OF THE THE OWNER.
- 5 DIMENSIONS GIVEN IN FIGURES ON THE PLANS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED (+/-).
- 6 ALL DIMENSIONS ARE GIVEN FROM FINISHED WALL TO FINISHED WALL UNLESS OTHERWISE NOTED.
- 7 "EQUAL" WHEN USED SHALL MEAN AN EQUIVALENT PRODUCT OR MATERIAL AS APPROVED BY THE OWNER.
- 8 ALL HEIGHTS ARE DIMENSIONED FROM FINISHED FLOOR UNLESS OTHERWISE NOTED
- 9 THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL TELEPHONE, DATA, ELECTRICAL, LIGHTING, PLUMBING AND RELATED EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCE FOR INSTALLATION OR MAINTENANCE OF ABOVE EQUIPMENT IS PROVIDED.
- 10 ALL GYPSUM WALL BOARD PARTITIONS SHALL BE TAPED, BEDDED AND SANDED SMOOTH WITH NO VISIBLE JOINTS, AND ALL CORNERS SHALL RECEIVE METAL CORNER BEAD.
- 11 ALL RATED WALLS SHALL HAVE THEIR RATING MAINTAINED AND ALL NEW PENETRATIONS SEALED TO MEET CURRENT CODE REQUIREMENTS.
- 12 ALL MATERIALS FURNISHED AND INSTALLED SHALL BE FREE FROM DEFECTS, ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE. DURING THIS PERIOD ANY PROBLEMS DUE TO DEFECTIVE MATERIALS OR FAULTY WORKMANSHIP SHALL BE CORRECTED AT NO COST TO THE OWNER. ANY PROBLEMS THAT OCCUR DURING CONSTRUCTION SHALL BE CORRECTED IMMEDIATELY TO THE SATISFACTION OF THE OWNER.
- 13 GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AS REQUIRED TO SECURE WORK TO STRUCTURE AND SHALL BE TOTALLY RESPONSIBLE FOR HIS WORK.
- 14 DURING AND AT THE COMPLETION OF THE CONTRACTORS DAILY WORK, CONTRACTORS ARE RESPONSIBLE FOR THE CLEANING UP AND REMOVAL OF ALL RUBBISH AND DEBRIS BEFORE LEAVING THE JOB SITE.
- 15 THE FOLLOWING ARE STRICTLY PROHIBITED WORK AND PRACTICES:
  - A. ANY COMBUSTIBLE MATERIALS ABOVE FINISHED CEILING.
  - IMPOSING ANY STRUCTURAL LOAD, TEMPORARY OR PERMANENT, ON ANY PART OF BUILDING STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL.
  - C. CUTTING ANY HOLES IN FLOOR SLABS, WALLS OR ROOF WITHOUT PROPER APPROVAL. BEFORE STARTING ANY UNDER SLAB WORK, CHECK TO DETERMINE IF ANY COMMON UTILITY OR OTHER UTILITY LINES EXIST WITHIN THE SPACE.
- 16 CONTRACTORS SHALL CARRY ADEQUATE LIABILITY INSURANCE AS SET FORTH BY THE OWNER AND THE LANDLORD.
- 17 A CERTIFICATE OF COMPLETION MUST BE OBTAINED UPON COMPLETION OF ALL WORK AND FINAL INSPECTIONS. THE ORIGINAL DOCUMENT TO BE SUBMITTED TO THE OWNER.
- 18 THE CONTRACTOR SHALL OBTAIN AND PAY ALL NECESSARY PERMIT COSTS AND FEES REQUIRED BY PUBLIC AUTHORITIES, UTILITY COMPANIES, AND OTHER INCURRED COST.
- 19 PROVIDE ALL INSURANCE, LICENSES, BONDING, AND RELEASE OF LIENS REQUIRED BY THE OWNER. PROVIDE COPIES OF DOCUMENTATION UPON REQUEST.
- 20 PROVIDE COMPLETE OPERATING MAINTENANCE, AND SPECIFICATION MANUALS TO THE OWNER FOR ALL EQUIPMENT WITHIN 15 DAYS OF FINAL COMPLETION OF JOB.
- 21 PROVIDE A WRITTEN LIST OF SERVICE SUB-CONTRACTORS TO THE OWNER WITHIN 15 DAYS OF JOB COMPLETION INCLUDING NAMES, ADDRESSES, PHONE NUMBERS, AND CONTACT PERSONS FOR FUTURE SERVICE NEEDS.
- 22 THE THE OWNER'S REPRESENTATIVE AND/OR THE OWNER'S CONTRACTOR SHALL NOT BE ALLOWED TO USE OR STORE OR DISPOSE OF ANY HAZARDOUS, ASBESTOS, FLAMMABLE, EXPLOSIVE, RADIOACTIVE, TOXIC, CONTAMINATING POLLUTING MATTER OR SUBSTANCES RELATED INJURIOUS MATERIALS OR CHEMICAL REGULATED MATERIALS ON THE JOB SITE.
- 23 ALL INTERIOR WALLS SHALL HAVE ONE COAT OF WHITE PRIMER.
- 24 THE FOLLOWING SECURITY PROCEDURES SHALL BE IN FOLLOWED WHEN THE TENANT'S FINISH WORK BEGINS
  - A . THE G.C. AND SUB-CONTRACTORS PERSONNEL SHALL SIGN IN WHEN THEY ARRIVE IN THE MORNING
  - B. AT ALL TIMES THEY WILL ENTER AND EXIT THROUGH THE OUTSIDE PARKING LOT DOORS.
  - C . ANY TOOL BOXES, CARTONS, ETC. THAT THE WORKERS WOULD USE TO TRANSPORT MATERIALS, ETC. ARE SUBJECT TO INSPECTION UPON DEPARTURE.
- 25 ALL WALLS SHALL BE SQUARE AND PLUMB.
- 26 GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTIONS AND SECURITY OF WORK, MATERIALS, FIXTURES AND ETC. ON JOB SITE FROM LOSS OR DAMAGE FROM FIRE, THEFT OR VANDALISM.
- 28 GENERAL CONTRACTOR SHALL USE ENTRANCE PROVIDED BY THE OWNER FOR TRANSPORTING MATERIALS TO AND FROM JOB SITE. ALL EMPLOYEES OF G.C SHALL USE THESE SAME ENTRANCES. G.C. SHALL CONFINE ALL VEHICLES TO DESIGNATED AREA AS REQUIRED BY THE OWNER.
- 29 GENERAL CONTRACTOR'S BID QUOTATION SHALL INCLUDE THE USE OF EQUIPMENT & MATERIALS EXACTLY AS SPECIFIED. SUBSTITUTION REQUESTS SHALL BE SUBMITTED TO THE OWNER FOR REVIEW APPROVAL.
- 30 ALL SIGNAGE FURNISHED AND INSTALLED BY FUTURE TENANT UNLESS OTHERWISE NOTED.

**ELECTRICAL NOTE:** ALL ELECTRICAL WORK MUST BE PERFORMED BY WEST VIRGINIA LICENSED ELECTRICIANS.

# SPECIAL INSPECTIONS

THE FOLLOWING PROFESSIONAL SERVICES FIRM WILL PROVIDE ALL SPECIAL INSPECTIONS FOR THIS PROJECT IN ACCORDANCE WITH JURISDICTIONAL SPECIAL INSPECTION REQUIREMENTS.

> PROFESSIONAL SERVICES INDUSTRIES, INC. (PSI) 14930 VULCAN AVENUE COLUMBUS, OHIO 43228 PHONE: 614-876-8000 FAX: 614-876-0548

# DOLLAR GENERAL

# STORE #17434| PROTOTYPE 'E'

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| COMPANY                                      | CONTACTS                                             | PHONE #                                                             | REQUIRED ITEMS                                                                                                                                       |  |  |  |
|----------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| MC CUE CORPORATION                           | PRICING - BRAD ROBINSON<br>ORDERING - BRETT JOHNSON  | 404-293-7758 brobinson@mccuecorp.com<br>800-800-8503 EXT. 268       | TRIM KIT INCLUDES BUMPER GUARDS AND CART STOP                                                                                                        |  |  |  |
| YORK                                         | NATIONAL ACCOUNTS                                    | 800-481-9738<br>york-dollargeneral-be@jci.com                       | HVAC UNITS                                                                                                                                           |  |  |  |
| CARRIER                                      | ANDREW BROMWELL                                      | 877-501-4432<br>andrew.bromwell@carrier.utc.com                     | HVAC UNITS                                                                                                                                           |  |  |  |
| ROOF CURB SYSTEMS                            | GREG SMYTH                                           | 800-683-5848<br>gsmyth@roofcurb.com                                 | RTU CURB                                                                                                                                             |  |  |  |
| CURBS PLUS INC.                              | ALLAN THRAILKILL                                     | 888-639-2872<br>alan.thrailkill@curbs-plus.com                      | RTU CURB                                                                                                                                             |  |  |  |
| CC INTERNATIONAL INC.                        | GREG CONRAD                                          | 800-382-2872<br>gconrad@kcccurbs.com                                | RTU CURB                                                                                                                                             |  |  |  |
| SHERWIN WILLIAMS                             | LOCAL SHERWIN WILLIAMS STORE                         |                                                                     | PAINT, PRIMER, CONCRETE SEALER AND BLOCK FILLER                                                                                                      |  |  |  |
| IABCO ENTRANCES                              | KIM RAUSCH                                           | 262-679-7513<br>dollargeneral@nabcoentrances.com                    | CT,DC,DE,IN,KY,MA,MD,ME,MI, MODEL #GT1175-02<br>NH,NJ,NY,OH, PA,RI,VA,VT,WV                                                                          |  |  |  |
| STANLEY ACCESS<br>FECHNOLOGIES               | DENNIS WEBB                                          | 256-776-8902<br>DGdoors@sbdinc.com                                  | AR,AZ,CA,CO,IL,IA,KS,LA,MN, MODEL #ESA200<br>MO,MS,NE,NM,NV,OK,SD,TX,UT,WI                                                                           |  |  |  |
| ASSA ABLOY ENTRANCE<br>SYSTEMS               | ROSS MERKLING                                        | 609-528-2580<br>dollargeneral.besam.us@assaalboy.com                | AL, FL, GA, NC, SC, TN                                                                                                                               |  |  |  |
| D&P CUSTOM LIGHTING                          | NATIONAL ACCOUNT SALES                               | 800-251-2200                                                        | CUSTOM POWER POLES                                                                                                                                   |  |  |  |
| EMERSON CLIMATE<br>FECHNOLOGIES              | WEBSITE:<br>http://dollargeneralbid.ectsolutions.net | USER NAME: dollargeneralbid PASSWORD: dollargeneralbid              | EMS SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL EMS PANEL REQUIRE STORE #, CITY, STATE, ZIP CODE & QTY. OF HVAC UNITS OF THE INSTALL SIT WHEN ORDERING. |  |  |  |
| EUCLID CHEMICAL<br>COMPANY                   | PHIL BRANDT                                          | 877-438-3826 PBrandt@euclidchemical.com                             | CONCRETE POLISHING SYSTEMS                                                                                                                           |  |  |  |
| RETRO-PLATE SYSTEMS                          | CURTIS TURNBULL                                      | 888-942-3144 corporateaccounts@retroplatesystem.com                 | CONCRETE POLISHING SYSTEMS                                                                                                                           |  |  |  |
| ORION ENGINEEERED<br>SYSTEMS                 | BRENDAN HARTT                                        | 904-380-5033<br>bhartt@oesx.com                                     | ELECTRICAL LIGHTING SUPPLIES AL,AR,AZ,CA,CO,FL,GA,KY,LA, MS,NC,NM,NV,OK,SC,TN,TX,VA,WV                                                               |  |  |  |
| NESCO LIGHTING                               | NEEDHAM ELECTRIC SUPPLY                              | 800-244-6980 DollarGeneral@nescoweb.com                             | ELECTRICAL LIGHTING SUPPLIES CT,DE,IA,IL,IN,KS,MA,MD,MI,MN,MO, NE,NH,NJ,NY,OH,PA,RI,SD,VT,WI                                                         |  |  |  |
| GIRTMAN AND ASSOCIATES                       | MIKE MOYNAHAN                                        | 615-350-6000<br>dgconstruction@bass-security.com                    | INTERIOR DOORS AND FRAMES AL,AR,AZ,CA,CO,FL,GA,IA,KS,LA,MS,N AND RESTROOM ACCESSORIES MO,NE,NM,NV,OK,OR,SC,SD,TN,TX,W                                |  |  |  |
| COOK & BOARDMAN GROUP                        | JOE HARRELL                                          | 336-837-0673 nationalsales@cookandboardman.com                      | INTERIOR DOORS AND FRAMES CT,DE,IL,IN,KY,MA,MD,ME,MI,NC,NH,N AND RESTROOM ACCESSORIES NY,OH,PA,RI,VA,VT,WV                                           |  |  |  |
| STANLEY CONVERGENT<br>SECURITY SOLUTIONS     | DAN GOLDSMITH                                        | 740-215-8913                                                        | INTERIOR FIRE ALARM PANELS                                                                                                                           |  |  |  |
| CROSSCOM NATIONAL                            | ANDREA LEMAY                                         | 847-850-6297 dollargeneral@crosscomnational.com                     | LOW VOLTAGE & VOICE/DATA EAST:<br>CT, DE, FL, IL,IN, MA, MD, ME, MI, MO, NH, NJ, NY, OH, PA, RI, VT, WI, WV                                          |  |  |  |
| ASD                                          | DWAYNE SIMMONS                                       | 826-624-1044<br>dsimmons@asd-usa.com                                | LOW VOLTAGE & VOICE/DATA SOUTH:<br>AL, AR, GA, KY, LA, MS, NC, SC, TN, TX, VA                                                                        |  |  |  |
| BAILIWICK                                    | COREY CARLSON                                        | 952-658-7975<br>ccarlson@bailiwick.com                              | LOW VOLTAGE & VOICE/DATA WEST: AZ, CA, CO, IA, KS, MN, ND, NE, NM, NV, OK, OR, SD                                                                    |  |  |  |
| GRAYBAR                                      | JEROME BANNISTER                                     | 615-743-3202 office, 615-924-2135 cell<br>DollarGeneral@graybar.com | CABLE TRAY                                                                                                                                           |  |  |  |
| RAINBIRD IRRIGATION                          | LOCAL RAIN BIRD DISTRIBUTER                          | WWW.RAINBIRD.COM                                                    | IRRIGATION SYSTEMS                                                                                                                                   |  |  |  |
| REQUIRED NATIO                               | VAL ACCOUNTS FOR EN                                  | GINEERING AND CONS                                                  | STRUCTION MATERIAL TESTING                                                                                                                           |  |  |  |
| COMPANY                                      | CONTACTS                                             | PHONE #                                                             |                                                                                                                                                      |  |  |  |
| ATC ASSOCIATES, INC.                         | LESLIE GREENWOOD                                     | 205-733-8775<br>dollargeneral@atcassociates.com                     | www.atcassociates.com                                                                                                                                |  |  |  |
| BUILDING AND EARTH<br>SCIENCES, INC.         | MATT ADAMS                                           | 205-836-6300<br>dollargeneral@buildingandearth.com                  | www.buildingandearth.com                                                                                                                             |  |  |  |
|                                              | JERRY MARRONE                                        | 864-234-7368<br>dollargeneral@eas-pro.com                           | www.eas-pro.com                                                                                                                                      |  |  |  |
| EAS PROFESSIONALS, INC.                      |                                                      | 770-424-6200 #3030                                                  | www.psiusa.com                                                                                                                                       |  |  |  |
|                                              | TERESA HEBNER                                        | teresa.hebner@psiusa.com                                            |                                                                                                                                                      |  |  |  |
| EAS PROFESSIONALS, INC. PROFESSIONAL SERVICE | JOHN MEADOW                                          |                                                                     | www.terracon.com                                                                                                                                     |  |  |  |

NATIONAL ACCOUNT & CONTACT INFORMATION SUBJECT TO CHANGE

**ABBREVIATIONS** 

CONTROL JOINT

CONTINUOUS

ALUMINUM

CEILING

DEGREE

FACTORY

DETAIL

ALUM.

C.M.U.

CONT.

DEG.

DET.

E.J.

H.C.

**HDWR** 

P.O.S. REQ'D

R.R.

SIM.

S.S.

=

C.J.

AMERICANS WITH DISABILITIES ACT

ABOVE FINISHED FLOOR

MINIMUM CLEAR DIMENSION

CONCRETE MASONRY UNIT

ELECTRICAL CONTRACTOR

ELECTRIC WATER COOLER

FIRE EXTINGUISHER CABINET

FIRE RETARDANT TREATED

HOLLOW CORE WOOD DOOR

GENERAL CONTRACTOR

GYPSUM WALLBOARD

DRINKING FOUNTAIN

EXPANSION JOINT

FIRE EXTINGUISHER

FITTING ROOM

HANDICAP

**HEAVY DUTY** 

HOLLOW METAL

MANUFACTURING(ER)

PRESSURE TREATED

SOLID CORE WOOD DOOR

NOT IN CONTRACT

HARDWARE

ON CENTER

REQUIRED

RESTROOM

= STAINLESS STEEL

U.N.O. = UNLESS NOTED OTHERWISE

PLAN REVIEWER UNDER A SEPARATE SUBMITTAL BY THE

THE FOLLOWING DRAWINGS WILL BE PROVIDED TO THE PERMIT

SIMILAR

= TYPICAL

DEFERRED PLAN SUBMITTALS:

1 - PRE-ENGINEERED METAL BUILDING PLANS 2 - SIGN SHOP DRAWINGS BY TENANT SIGN VENDOR

=

RESPECTIVE SUB-CONTRACTORS:

POINT OF SALE

METAL

SYMBOLS LEGEND

 $\begin{pmatrix} x \\ xxx \end{pmatrix}$ 

X

**ROOM NAME** 

100

(100)

DETAIL MARKER, INDICATES DETAIL NUMBER

AND SHEET NUMBER WHERE IT IS LOCATED.

ELEVATION MARKER, POINTS TO AREA AND

SECTION MARKER INDICATES SECTION NUMBER

AND SHEET NUMBER WHERE IT IS LOCATED.

INDICATES ELEVATION NUMBER

**COLUMN REFERENCE MARKER** 

REFERENCE NOTE MARKER TO NOTE

ROOM NAME AND NUMBER MARKER.

ELEVATION MARKER, POINTS TO AREA AND

INDICATES ELEVATION NUMBER.

REVISION CLOUD AND MARKER

FIRE EXTINGUISHER

**GRAPHIC SCALE** 

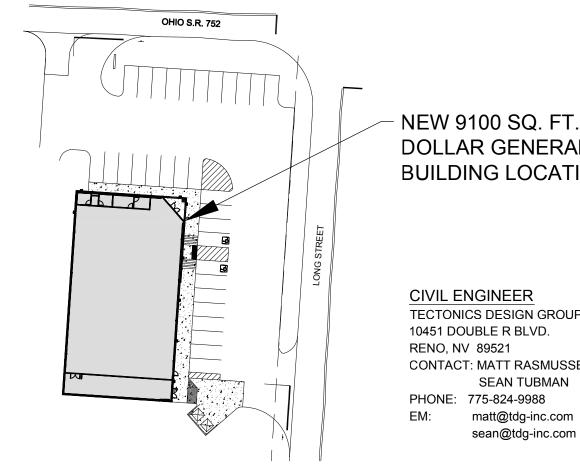
DOOR MARKER

0'-0" A.F.F. VERTICAL ELEVATION MARKER

SCHEDULE LEGEND DESCRIPTION

# SITE PLAN

**499 LONG STREET** ASHVILLE. OHIO



NEW 9100 SQ. FT. **DOLLAR GENERAL** BUILDING LOCATION

CIVIL ENGINEER **TECTONICS DESIGN GROUP** 10451 DOUBLE R BLVD. RENO, NV 89521 CONTACT: MATT RASMUSSEN, PE SEAN TUBMAN PHONE: 775-824-9988 matt@tdg-inc.com

MAYOR OF ASHVILLE

ASHVILLE, OHIO 43103

PHONE: 740-983-6367

FAX: 740-983-4703

200 EAST STATION STREET

MAYOR: CHARLES K. WISE

# PROJECT CONTACTS

**DOLLAR GENERAL** 100 MISSION RIDGE GOODLETTSVILLE, TN 37073 DAVID FLOWERS - Central Region PHONE: 615-855-4841 FAX: 615-855-4705 dflowers@dollargeneral.com

TENANT

ARCHITECTURE

STORE PLANNING INC.

MATTHEWS, NC 28105

PHONE: 704-841-7288

FAX: 704-849-6997

CONTACT: RAY EDWARDS, RDI

3080 SENNA DRIVE

OWNER | DEVELOPER CD DG ASHVILLE, LLC 5317 INVERRARY DRIVE PLANO, TX 75093 CONTACT: JOSH ALLEN PHONE: 765-215-1444 josh@crossdevelopment.net

MECH/PLBG ENGINEER RICK ROTEN, PE CONSULTING ENGINEER 7909 SKYE LOCHS DRIVE WAXHAW, NC 28173 PHONE: 704-651-1311 FAX: 704-362-0904 EM: rick@r3engineering.com

STRUCTURAL ENGINEER H. EUGENE HUNTER. PE **CONSULTING ENGINEER** P.O.BOX 3210 MATTHEWS, NC 28106 PHONE: 704-574-8083 FAX: 704-442-7290 ghunter@carolinarr.com

rav@storeplanninginc.com

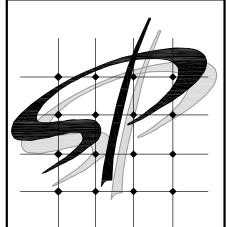
**BUILDING DEPARTMENT** DALE HOOVER ASHVILLE OHIO BUILDING DEPARTMENT 200 EAST STATION STREET ASHVILLE, OH 43103 PHONE: 740-983-6367

EM: dhoover@ashvilleohio.gov

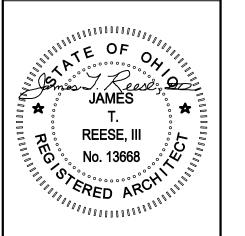
# INDEX TO DRAWINGS

740-983-4703

| GEN  | ERAL                              | ORIGINAL DATE  | LATEST REVISION DATE |  |  |  |  |
|------|-----------------------------------|----------------|----------------------|--|--|--|--|
| T01  | TITLE SHEET                       | APRIL 18, 2016 |                      |  |  |  |  |
| T02  | LIFE SAFETY PLAN                  | APRIL 18, 2016 |                      |  |  |  |  |
|      |                                   |                |                      |  |  |  |  |
| ARC  | HITECTURAL                        | ORIGINAL DATE  | LATEST REVISION DATE |  |  |  |  |
| A01  | FLOOR PLAN & DETAILS              | APRIL 18, 2016 | MAY 09, 2016         |  |  |  |  |
| A02  | EXTERIOR ELEVATIONS               | APRIL 18, 2016 |                      |  |  |  |  |
| A03  | SECTIONS & DETAILS                | APRIL 18, 2016 |                      |  |  |  |  |
| A04  | ROOM FINISH SCHEDULE & ELEVATIONS | APRIL 18, 2016 |                      |  |  |  |  |
| A05  | DOOR SCHEDULE & DETAILS           | APRIL 18, 2016 |                      |  |  |  |  |
| A06  | ENLARGED RESTROOMS & DETAILS      | APRIL 18, 2016 |                      |  |  |  |  |
| A07  | REFLECTED CEILING PLAN            | APRIL 18, 2016 |                      |  |  |  |  |
| F01  | FIXTURE PLAN                      | APRIL 18, 2016 |                      |  |  |  |  |
| GS1  | ROOF PLAN AND PEMB CRITERIA       | APRIL 18, 2016 |                      |  |  |  |  |
| GS2  | CONCRETE SUMMARY                  | APRIL 18, 2016 |                      |  |  |  |  |
| GS3  | CONCRETE ANALYSIS & MISC. NOTES   | APRIL 18, 2016 |                      |  |  |  |  |
|      |                                   |                |                      |  |  |  |  |
| STR  | UCTURAL                           | ORIGINAL DATE  | LATEST REVISION DATE |  |  |  |  |
| S01  | STATEMENT OF SPECIAL INSPECTIONS  | APRIL 28, 2016 |                      |  |  |  |  |
| S1   | GENERAL NOTES AND SECTIONS        | APRIL 28, 2016 |                      |  |  |  |  |
| S2   | FOUNDATION PLAN                   | APRIL 28, 2016 |                      |  |  |  |  |
| S3   | SECTIONS AND DETAILS              | APRIL 28, 2016 |                      |  |  |  |  |
|      |                                   |                |                      |  |  |  |  |
| PLUI | MBING                             | ORIGINAL DATE  | LATEST REVISION DATE |  |  |  |  |
| P1   | PLUMBING PLANS AND SCHEDULES      | APRIL 18, 2016 |                      |  |  |  |  |
| P2   | PLUMBING DETAILS AND DIAGRAMS     | APRIL 18, 2016 |                      |  |  |  |  |
|      |                                   |                |                      |  |  |  |  |
| MEC  | HANICAL                           | ORIGINAL DATE  | LATEST REVISION DATE |  |  |  |  |
| M1   | MECHANICAL LAYOUT                 | APRIL 18, 2016 | MAY 09, 2016         |  |  |  |  |
| M2   | MECHANICAL SCHEDULES & NOTES      | APRIL 18, 2016 |                      |  |  |  |  |
|      |                                   |                |                      |  |  |  |  |
| ELE  | CTRICAL                           | ORIGINAL DATE  | LATEST REVISION DATE |  |  |  |  |
| E1   | FLOOR PLAN - POWER                | APRIL 18, 2016 | MAY 09, 2016         |  |  |  |  |
| E2   | FLOOR PLAN - LIGHTING             | APRIL 18, 2016 | MAY 09, 2016         |  |  |  |  |
| E3   | POWER POLE DETAILS                | APRIL 18, 2016 |                      |  |  |  |  |
| E4   | DATA ROUTING PLAN                 | APRIL 18, 2016 |                      |  |  |  |  |
| E5   | PANEL SCHEDULES AND RISER         | APRIL 18, 2016 | MAY 09, 2016         |  |  |  |  |
| E6   | ELECTRICAL SITE PLAN              | APRIL 18, 2016 |                      |  |  |  |  |
| EMS1 | EMS LOW VOLTAGE PLAN              | APRIL 18, 2016 |                      |  |  |  |  |
| EMS2 | EMS PANEL AND CONTROLS            | APRIL 18, 2016 |                      |  |  |  |  |
|      |                                   |                |                      |  |  |  |  |



STORE PLANNING Inc 3080 SENNA DRIVE Matthews, North Carolina 28105 Phone: 704-841-7288 Fax: 704-849-6997



DATE REVISION 05-09-16 DG & AHJ Review

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**ELECTRICAL ENGINEER** BRUCE HOUSER, PE **CONSULTING ENGINEER** 1900 ABBOTT STREET | SUITE 105 CHARLOTTE, NC 28203 PHONE: 704-395-2705 FAX: 704-362-0904

mayorwise@ashvilleohio.gov

bhouser@beacon-engr.com PICKAWAY COUNTY GENERAL HEALTH DISTRICT.

110 ISLAND ROAD CIRCLEVILLE, OH 43113 PHONE: 740-477-9667 FAX: 740-474-5523 contact@pchd.org

ORIGINAL DATE | LATEST REVISION DATE

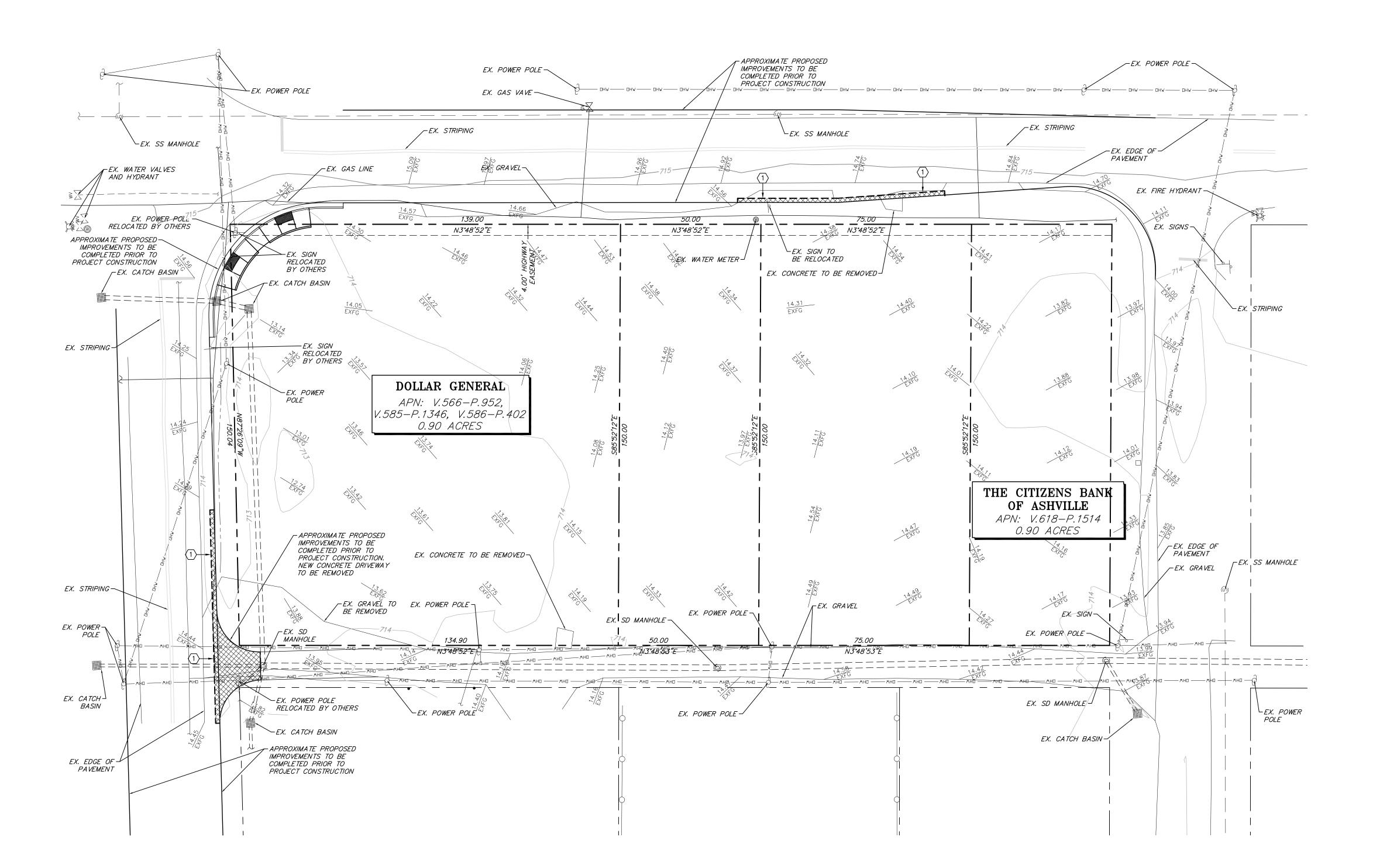
GENER

SH

SPI Client DATE 04-18-16

1. SAWCUT AS PER DETAIL 1, SHEET C6.2

- 1. REFERENCE "GENERAL NOTES" ON SHEET C6.1
- 2. REFERENCE "ABBREVIATIONS" ON SHEET C6.1
- 3. REFERENCE "LEGEND" ON SHEET C6.1
- 4. ADD 700 TO ALL FINISHED GRADE OR INVERT ELEVATIONS
- 5. COORDINATE WITH POWER COMPANY ON RELOCATION OF EXISTING POWER POLES AND OVERHEAD LINES.
- 6. EXISTING TREES ONSITE TO BE REMOVED SHALL BE REMOVED WITH ROOTS, NO GRINDING OF STUMP



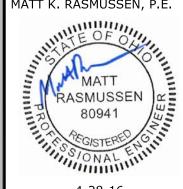
2 DAYS BEFORE YOU DIG CALL USA TOLL FREE 1-800-227-2600

DEMOLITION PLAN SCALE: 1" = 20'-0"



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DRAWN: DESIGNED: S.W.T. CHECKED/STAMPED: MATT K. RASMUSSEN, P.E.



4-28-16

EXP. 12-31-17

General dille, Ohio

CROSS DEVELOPMENT 420 SOUTHFORK DR. LEWISVILLE, TEXAS Dollar Ashvi

SUBMITTAL

80% REVIEW 04/18/16 04/28/16 FOR PERMIT

DEMOLITION PLAN

### <u>NOTES:</u>

- 1. PERMANENT STRIPING, BIKE LANES, AND MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- 2. PARKING SPACE LINES SHALL BE 4-INCH WIDE, YELLOW
- 3. HANDICAP PARKING SPACES SHALL BE MARKED WITH A PAINTED BLUE WHEELCHAIR SYMBOL.
- 4. HANDICAP PARKING AISLE LINES SHALL HAVE 4-INCH WIDE, BLUE STRIPES AT A 45 DEGREE ANGLE AND AT 18-INCHES
- 5. ALL EXTERIOR CONCRETE EXPOSED TO FREEZING AND THAWING CONDITIONS SHOULD BE RATED AT 4,500 PSI MINIMUM
- 6. REFERENCE "GENERAL NOTES" ON SHEET C6.1
- 7. REFERENCE "ABBREVIATIONS" ON SHEET C6.1
- 8. REFERENCE "LEGEND" ON SHEET C6.1
- 9. ADD 700 TO ALL FINISHED GRADE OF INVERT ELEVATIONS

- CONSTRUCTION NOTES:
- 1. CONSTRUCT SIDEWALK PER DETAIL 2, SHEET C6.2
- 2. CONSTRUCT ACCESSIBLE RAMP AND STALL AS PER DETAIL 3, SHEET C6.2
- 3. CONSTRUCT TYPE I P.C.C. CURB & GUTTER AS PER DETAIL 6, SHEET C6.2
- 4. CONSTRUCT P.C.C. MEDIAN CURB PER DETAIL 7, SHEET C6.2
- 5. CONSTRUCT 7" CONCRETE SECTION OVER 6" CLASS 2 AGGREGATE BASE AS PER DETAIL 8, SHEET C6.2. FOR JOINTS IN CONCRETE SEE DETAIL 1 & 1A ON
- 6. INSTALL ACCESSIBLE PARKING STALL SIGNAGE/6" BOLLARD AS PER DETAIL 2,
- 7. CONSTRUCT HEAVY ASPHALT SECTION OF 4" ASPHALTIC CONCRETE PAVEMENT, PG 64-22 OVER 8" CLASS 2 AGGREGATE BASE AS PER DETAIL 3, SHEET C6.3
- 8. CONSTRUCT LIGHT ASPHALT SECTION OF 3" ASPHALTIC CONCRETE PAVEMENT,
- PG 64-22 OVER 6" CLASS 2 AGGREGATE BASE AS PER DETAIL 4, SHEET C6.3 9. CONSTRUCT DELIVERY RAMP AS PER DETAIL 5, SHEET C6.3

- 10. SITE PYLON SIGN, COORDINATE WITH ELECTRICAL.
- 11. INSTALL TYPE R1-1 30"x30" STOP SIGN AS PER M.U.T.C.D. STANDARDS AND POST AS PER DETAIL 6, SHEET C6.3, ENGINEER TO LOCATE STOP SIGN AND STOP BAR IN FIELD PRIOR TO CONSTRUCTION
- 12. CONSTRUCT 12" WIDE WHITE STOP BAR AND STOP LEGEND AS PER M.U.T.C.D.
- 13. INSTALL SITE LIGHTING, COORDINATE LOCATION AND SIZE WITH LIGHTING PLANS. SEE STRUCTURAL FOR LIGHT POLE BASE DETAIL.
- 14. INSTALL TRASH AREA, SEE ARCHITECTURAL FOR DESIGN
- 15. INSTALL 3' LONGITUDINAL VALLEY GUTTER AS PER DETAIL 8, SHEET C6.3
- 16. CONSTRUCT PAVEMENT PATCH AS PER DETAIL 7, SHEET C6.3
- 17. INSTALL GAS METER, COORDINATE LOCATION & DESIGN WITH LOCAL GAS **PURVEYOR**

# PROJECT LEGEND V.566-P.952, V.585-P.1346,

= 15 FEET = 20 FEET

A.P.N.: V.586-P.402 GB- GENERAL BUSINESS PARCEL ZONING: SITE SETBACKS: = 30 FEET

FRONT YARD:

SIDE YARD: BACK YARD:

GENERAL/RETAIL



4-28-16

=46 SPACES

HANDICAP PARKING REQUIREMENTS: 1: 25 FOR FIRST 100 = 2 SPACES PARKING PROVIDED:

200 S.F/SPACE

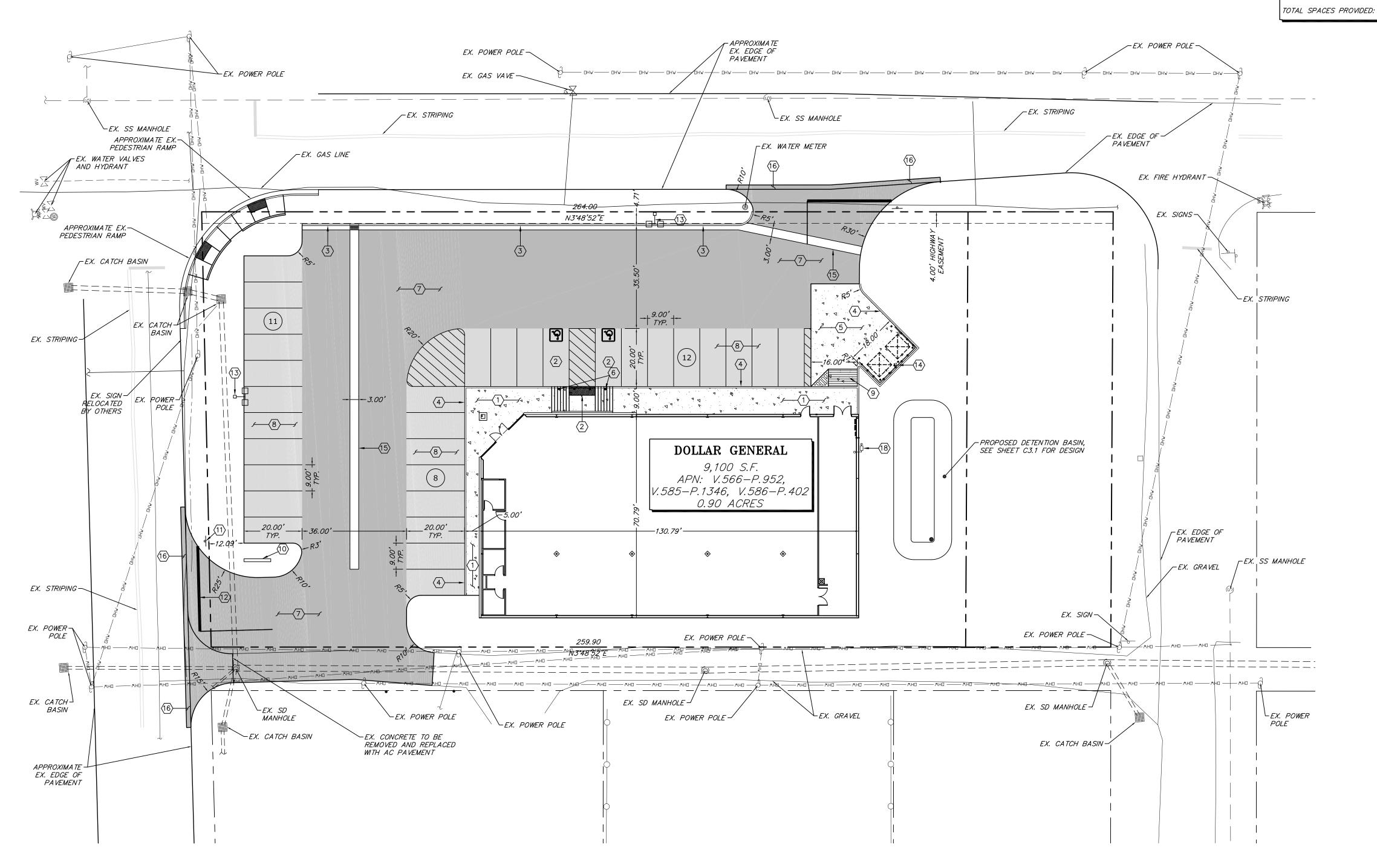
PARKING SUMMARY

PARKING REQUIRED: VILLAGE OF ASHVILLE ZONING ORDNANCE — CHAPTER 1169

INDIVIDUAL PARKING REQUIREMENTS

STANDARD PARKING PROVIDED = 29 SPACES HANDICAP PARKING PROVIDED: VAN (WITH 8' MIN ACCESS)

= 2 SPACES = 31 SPACES





SITE PLAN SCALE: 1" = 20'-0"



capacity without the written authorization of Tectonics Design Group. S.W.T.

DRAWN: DESIGNED: CHECKED/STAMPED: MATT K. ŔASMUSSEN, P.E.

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EXP. 12-31-17

CROSS DEVELOPMENT 420 SOUTHFORK DR. LEWISVILLE, TEXAS Dollar Ashvi

SUBMITTAL 80% REVIEW 04/18/16 FOR PERMIT

04/28/16

SITE PLAN

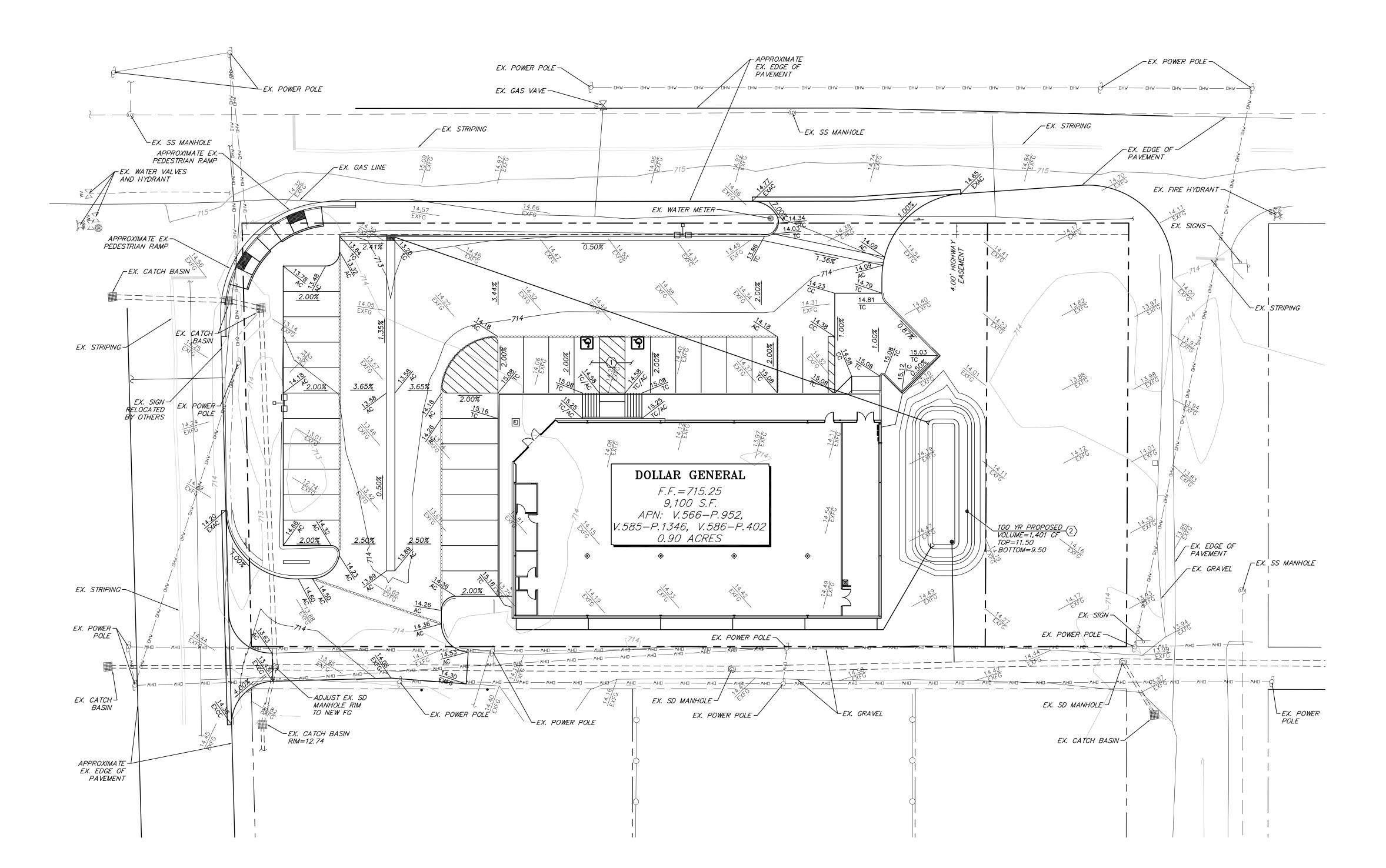
- 1. REFERENCE "GENERAL NOTES" ON SHEET C6.1
- 2. REFERENCE "ABBREVIATIONS" ON SHEET C6.1
- 3. REFERENCE "LEGEND" ON SHEET C6.1
- 4. ADD 700 TO ALL FINISHED GRADE OR INVERT ELEVATIONS
- 5. FOR FURTHER SITE SOILS AND CONDITIONS INFORMATION, REFERENCE GEOTECH REPORT "GEOTECHNICAL EXPLORATION REPORT OF PROPOSED DOLLAR GENERAL — ASHVILLE" BY PROFESSIONAL SERVICE INDUSTRIES, DATED FEBRUARY 26,
- 6. ALL SLOPES GREATER THAN 3:1 SHALL BE TREATED WITH 0.5' DEEP 6"-8" ROCK RIP RAP
- 7. TOTAL DISTURBED AREA FOR SITE =  $\pm 0.81$  AC

CONSTRUCTION NOTES:

- 1. ACCESSIBLE PARKING AND UNLOADING SPACES SHALL HAVE A MAXIMUM 2% SLOPE/CROSS SLOPE
- 2. CONSTRUCT LANDSCAPE DETENTION BASIN AS PER DETAIL 1, SHEET C6.4

EROSION CONTROL NOTES:

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A QUALIFIED EROSION CONTROL INSPECTOR. CONTRACTOR TO PROVIDE THE EROSION CONTROL INSPECTORS NAME AND QUALIFICATIONS TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- 2. INSTALL SEDIMENT FENCE AND PERIMETER EROSION CONTROL MEASURES PRIOR TO BEGINNING CONSTRUCTION.
- 3. LEAVE NATIVE VEGETATION UNDISTURBED OUTSIDE AREAS OF CONSTRUCTION.
- 4. MODIFY EROSION CONTROL METHODS AS REQUIRED DUE TO WEATHER OR CONSTRUCTION CHANGES.
- 5. SEE EROSION CONTROL DETAIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.
- 6. LOCATION OF ESCP FACILITIES SHOWN ARE APPROXIMATE. ALL FACILITIES TO BE FIELD PLACED PER CONSTRUCTION REQUIREMENTS.
- 7. CONTRACTOR TO MECHANICALLY REMOVE SEDIMENT FROM ROAD AND SHALL NOT WASH IT DOWN STORM SEWERS.



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GRADING PLAN SCALE: 1" = 20'-0"



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4-28-16 EXP. 12-31-17

CROSS DEVELOPMENT 420 SOUTHFORK DR. LEWISVILLE, TEXAS General ville, Ohio Dollar Ashvi

SUBMITTAL 04/18/16 04/28/16

80% REVIEW FOR PERMIT

GRADING PLAN

- 1. REFERENCE "GENERAL NOTES" ON SHEET C6.1
- 2. REFERENCE "ABBREVIATIONS" ON SHEET C6.1
- 3. REFERENCE "LEGEND" ON SHEET C6.1
- 4. ADD 700 TO ALL FINISHED GRADE OR INVERT ELEVATIONS

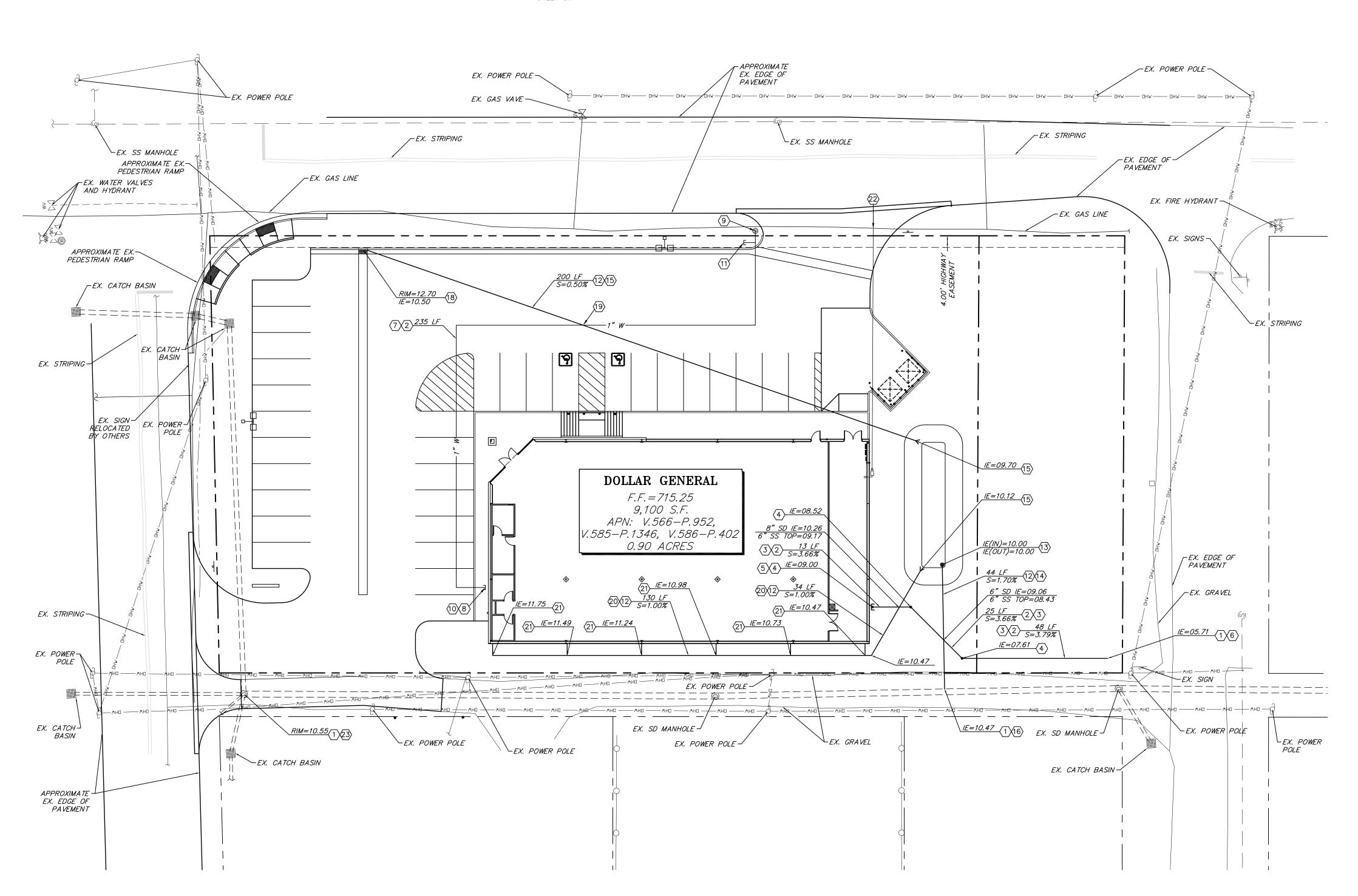
CONSTRUCTION NOTES:

- CONTRACTOR SHALL POTHOLE AND VERIFY EXACT LOCATION OF UTILITY
  PRIOR TO THE CONSTRUCTION OF ANY IMPROVEMENTS. CONTRACTOR SHALL
  NOTIFY ENGINEER OF ANY CONFLICTS FOUND IN THE FIELD
- 2. CONSTRUCT WATER & SEWER TRENCH AS PER DETAIL 5, SHEET C6.4
- 3. CONSTRUCT 6" SDR 35 PVC SANITARY SEWER LATERAL AS PER DETAIL 6, SHEET C6.4. LENGTH AND SLOPE AS SHOWN ON PLANS.
- 4. CONSTRUCT SANITARY SEWER CLEAN OUT AS PER DETAIL 7, SHEET C6.4.
- 5. FOR INTERNAL CONTINUATION OF SANITARY SEWER, SEE PLUMBING PLANS 6. CONNECT TO EXISTING 6" SANITARY SEWER STUB
- 7. INSTALL 1" HDPE DOMESTIC WATER SERVICE, PIPE LENGTH AS SHOWN ON
- 8. FOR INTERNAL CONTINUATION OF DOMESTIC WATER SERVICE, SEE PLUMBING
- 9. CONNECT TO EXISTING WATER METER. REPLACE AS NECESSARY

10. CONSTRUCT DOMESTIC BACKFLOW PREVENTER INSIDE BUILDING, SEE

- PLUMBING PLANS
- 11. CONSTRUCT IRRIGATION STUB OUT WITH BACKFLOW PREVENTER. CONTRACTOR TO COORDINATE
- 12. CONSTRUCT TYPICAL TRENCH EXCAVATION AND BACKFILL AS PER DETAIL 4, SHEET C6.4

- 13. INSTALL 12" STAND PIPE WITH BEEHIVE GRATE AS PER DETAIL 3, SHEET
- 14. CONSTRUCT 12" SDR 35 PVC STORM DRAIN PIPE, LENGTH AND SLOPE AS SHOWN ON PLANS
- 15. CONSTRUCT 15" SDR 35 PVC STORM DRAIN PIPE, LENGTH AND SLOPE AS SHOWN ON PLANS
- 16. TIE INTO TO EXISTING STORM DRAIN LINE
- 17. CONSTRUCT FLARED END SECTION WITH RIP RAP AT OUTFALL AS PER DETAIL 2 & 3, SHEET C6.5
- 18. CONSTRUCT TYPE 4R CATCH BASIN AS PER DETAIL 4, SHEET C6.5
- 19. CONSTRUCT WATER/SEWER MAIN CROSSING AS PER DETAIL 2, SHEET C6.4
- 20. INSTALL 8" ADS TRUNK LINE, LENGTH AND SLOPE AS SHOWN ON PLANS 21. CONSTRUCT ADS TEE CONNECTION TO DOWNSPOUT AS PER DETAIL 1,
- SHEET C6.5 22. CONNECT TO EXISTING GAS LINE FOR GAS SERVICE. COORDINATE SERVICE LINE ROUTING, TAP LINE SIZE & DESIGN WITH LOCAL GAS PURVEYOR
- 23. ADJUST EXISTING MANHOLE RIM TO NEW FINISH GRADE ELEVATION



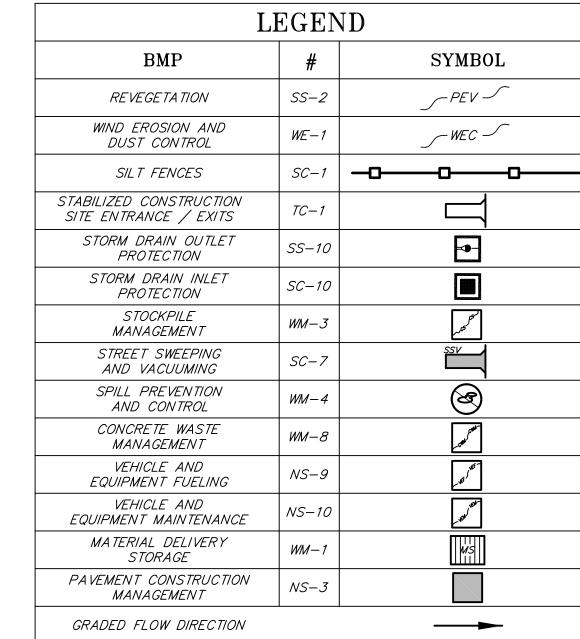


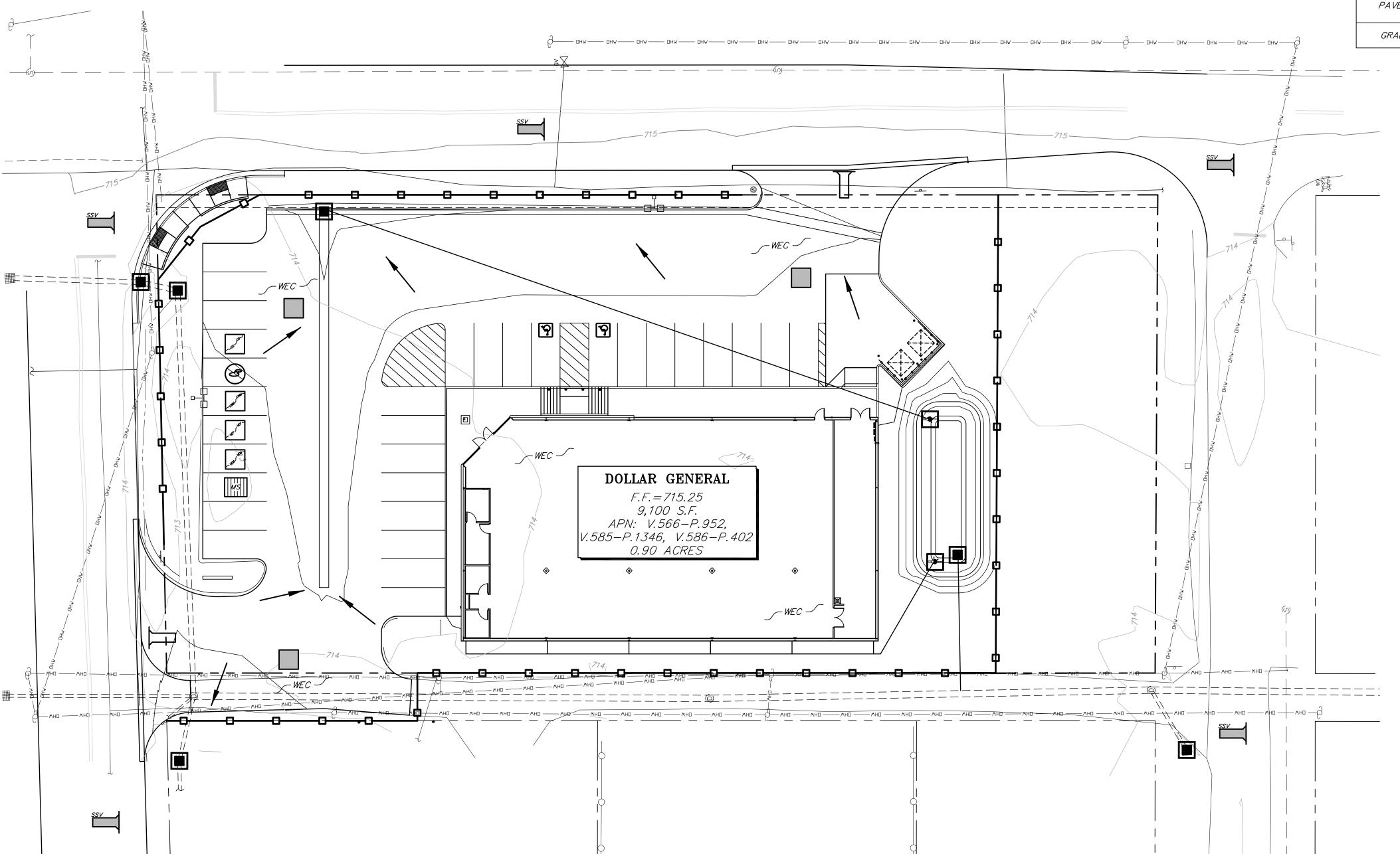
UTILITY PLAN SCALE: 1" = 20'-0"



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UTILITY PLAN





## STORMWATER NOTES:

- 1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY RÉMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHT OF WAYS OF THE VILLAGE OF ASHVILLE AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
- 2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED BY THE VILLAGE OF ASHVILLE.
- 3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- 4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMPS WEEKLY, PRIOR TO A FORECASTED RAIN EVENT AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTION MAY APPLY, SUCH AS FROZEN GROUND CONDITIONS OR SUSPENSION OF LAND DISTURBANCE ACTIVITIES.
- 5. ACCUMULATED SEDIMENT IN BMPS SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.
- 6. REFER TO THE VILLAGE OF ASHVILLE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MANUAL FOR FURTHER CONSTRUCTION SITE BEST MANAGEMENT PRACTICES DEFINITIONS.

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DRAWN: DESIGNED: S.W.T. CHECKED/STAMPED:



4-28-16 EXP. 12-31-17

VELOPMENT, DR. LEWISVILLE, TEXAS 75 Dolla<sub>Asr</sub> CROSS DE 420 SOUTHFORK

04/18/16

SUBMITTAL 80% REVIEW FOR PERMIT

04/28/16

BMP PLAN

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BMP PLAN SCALE: 1" = 20'-0"



# GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL MEET THE VILLAGE OF ASHVILLE PUBLIC WORKS DESIGN MANUAL.
- 2. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION FOR THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER OF RECORD HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER OF RECORD.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION AND SHORING PROCEDURES AND CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS.
- 4. THE CONTRACTOR SHALL MAINTAIN AN ON-GOING DUST CONTROL PROGRAM, INCLUDING WATERING OF OPEN AREAS, IN ORDER TO CONFORM WITH THE LATEST FEDERAL, STATE, AND COUNTY AIR POLLUTION REGULATIONS. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, A DUST CONTROL PLAN TO VILLAGE OF ASHVILLE DISTRICT HEALTH DEPARTMENT AIR POLLUTION CONTROL DIVISION PRIOR TO COMMENCEMENT OF ANY WORK.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY REMOVAL OF ALL CONSTRUCTION MATERIALS LOST ON PAVED STREETS, ONSITE OR OFFSITE. AT THE CLOSE OF EACH DAY THE CONTRACTOR SHALL LEAVE THE SITE IN A CLEAN AND ORDERLY FASHION. ALL DEBRIS SHALL BE REMOVED FROM THE SITE OR PLACED IN A GARBAGE RECEPTACLE.
- 6. THE CONTRACTOR SHALL PURSUE THE WORK IN A CONTINUOUS AND DILIGENT MANNER, CONFORMING TO ALL THE PERTINENT SAFETY REGULATIONS, TO INSURE A TIMELY COMPLETION OF THE PROJECT.
- 7. THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL, ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THE WORK, UTILITY COMPANIES, TELEPHONE COMPANIES, CABLE TELEVISION COMPANIES, AND ANY OTHER ENTITY IMPACTED BY THE WORK 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL GIVE 24 HOURS PRIOR NOTICE FOR ALL CONSTRUCTION STAKING AND INSPECTIONS REQUIRED DURING CONSTRUCTION.
- 8. ALL AREAS DISTURBED AND LEFT UNDEVELOPED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE STABILIZED BY THE APPLICATION OF AN APPROVED DUST PALLIATIVE AT NO EXPENSE TO THE OWNER.
- 9. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES REQUIRED TO SECURE ANY AND ALL PERMITS NECESSARY TO PERFORM WORK WITHIN THE PUBLIC RIGHT-OF WAY.
- 10. ALL UTILITY LOCATIONS, SIZES, AND DESCRIPTIONS AS SHOWN ARE FROM SURFACE OBSERVATIONS USED IN CONJUNCTION WITH REFERENCE MAPS, DRAWINGS, AND VERBAL STATEMENTS SUPPLIED BY UTILITY COMPANIES, AND MAY NOT BE WHOLLY ACCURATE OR RELIABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES IN THE FIELD EITHER BY ACTUAL POTHOLING OR VISUALLY, AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHICH MAY BE AFFECTED BY THE WORK TO OBTAIN ASSISTANCE IN THE LOCATION OF EXISTING MAINS AND SERVICE CONNECTIONS. THE CONTRACTOR SHALL ALSO CALL U.S.A. (1-800-245-4848) PRIOR TO BEGINNING WORK.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNING, BARRICADES AND TRAFFIC DELINEATION TO CONFORM TO THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.
- 12. THE WORK IN THIS CONTRACT INCLUDES ALL ONSITE AND OFFSITE WORK SHOWN ON THESE DRAWINGS, DESCRIBED IN THE SPECIFICATIONS, OR REASONABLY IMPLIED.
- 13. SHOULD ANY PREHISTORIC OR HISTORIC REMAINS/ARTIFACTS BE DISCOVERED DURING CONSTRUCTION, WORK SHALL TEMPORARILY BE HALTED AT THE SPECIFIC SITE AND THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES, DIVISION OF HISTORIC PRESERVATION AND ARCHEOLOGY FOR THEIR INVESTIGATION OF THE DISCOVERY. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO WORKING DAYS FROM THE DATE OF NOTIFICATION.
- 14. ALL DIMENSIONS AND DISTANCES ARE TO FRONT FACE OF CURB, CURB RETURN, FACE OF BUILDING, FACE OF WALL, FLOW LINE, PROPERTY LINE, CENTER OF STRIPING, CENTER LINE OF PIPE OR MANHOLE, OR END OF IMPROVEMENTS.
- 15. THE CONTRACTOR SHALL PROTECT FROM DAMAGE EXISTING IMPROVEMENTS ON AND AROUND THE SITE INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB & GUTTER, SIDEWALK, LANDSCAPING, SIGNAGE, STORM & SANITARY SEWERS, UTILITIES, TELEPHONE, AND CABLE TELEVISION. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE REPAIR AND/OR REPLACEMENT OF ANY IMPROVEMENTS (NEW OR EXISTING) DAMAGED THROUGHOUT THE COURSE OF CONSTRUCTION, EITHER AS A DIRECT RESULT OF HIS ACTIVITIES OR HIS FAILURE TO ADEQUATELY PROTECT THE IMPROVEMENT.
- 16. THE CONTRACTOR SHALL UPON COMPLETION OF THE PROJECT, PREPARE AND SUBMIT TO THE OWNER OR HIS REPRESENTATIVE, RECORD DRAWINGS INDICATING BY DIMENSION AND DESCRIPTION ANY FACILITY CONSTRUCTED CONTRARY TO THAT SHOWN ON THE DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.
- 17. PRIOR TO THEIR INCORPORATION INTO THE WORK, THE CONTRACTOR SHALL SUBMIT FOR THE ENGINEER OF RECORD'S APPROVAL, SHOP DRAWINGS AND MATERIAL SPECIFICATIONS FOR ALL MATERIALS TO BE USED ON THE PROJECT TO INCLUDE, BUT NOT BE LIMITED TO, ASPHALTIC CONCRETE AND PORTLAND CEMENT CONCRETE MIX DESIGN, AGGREGATE BASE QUALIFICATIONS, PIPE BEDDING, SELECT BACKFILL, PRECAST CONCRETE, CAST IRON GRATES AND COVERS, PIPING, FENCING, AND SIGNS.
- 18. THE CONTRACTOR SHALL AT ALL TIMES, PROVIDE AND MAINTAIN EMERGENCY ACCESS TO THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE PROTECTION AGENCY HAVING JURISDICTION OVER THE PROJECT SITE.
- 19. ALL QUANTITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND USED ONLY FOR PERMIT AND BOND PURPOSES ONLY. THEY SHALL NOT BE USED IN ANY WAY FOR BIDDING OR CONSTRUCTION PURPOSES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE HIS OWN QUANTITY ESTIMATES FOR BIDDING AND CONSTRUCTION PURPOSES.
- 20. INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE VILLAGE OF ASHVILLE STANDARDS OR THE STANDARD SPECIFICATIONS, WHICHEVER IS THE MORE STRINGENT.
- 21. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF EVENTS TO THE ENGINEER OF RECORD AND UPDATE IT EVERY TWO WEEKS, OR SUSTAIN WORK UNTIL IT IS COMPLETED, WITH NO TIME DELAYS IN THE CONTRACT PERIOD. THE SCHEDULE IS FOR THE OWNER AND HIS COORDINATION OF THE OVERALL OPERATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL IN NO WAY IMPEDE THE OVERALL PERFORMANCE OF THE OWNER'S OPERATIONS.
- 22. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD PRIOR TO ITS INCORPORATION INTO THE WORK SHOP DRAWINGS, MATERIAL SPECIFICATIONS FOR ALL MATERIALS TO BE USED IN THE PROJECT TO INCLUDE, BUT NOT LIMITED TO, ASPHALTIC CONCRETE AND PORTLAND CEMENT MIX DESIGN, AGGREGATE BASE QUALIFICATIONS, PIPE BEDDING, SELECT BACKFILL, CAST CONCRETE, CAST IRON GRATES AND OVERS, PIPING, FENCING, BOXES AND COVERS, AND SIGNS.

#### **DEMOLITION NOTES:**

- 1. THE CONTRACTOR MAY SALVAGE ITEMS NOT SPECIFICALLY DESIGNATED AS NON-SALVAGEABLE WITH WRITTEN PERMISSION FROM THE ENGINEER OF RECORD. THE NON-SALVAGEABLE MATERIALS SHALL BE DISPOSED OF AT THE APPROPRIATE LOCATIONS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER OFF-SITE DISPOSAL OF MATERIALS TO BE REMOVED AND DISPOSED OF. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OF RECORD, AREAS TO BE USED FOR THE TEMPORARY STOCKPILING OF MATERIALS TO BE REMOVED.
- 3. THE CONTRACTOR SHALL WET-DOWN AND TARP EVERY TRUCK LOADS LEAVING THE SITE FOR A DISPOSAL AREA. THIS PROCEDURE IS CRITICAL TO THE DUST ABATEMENT PLAN AND WILL BE STRICTLY ENFORCED.
- 4. THE CONTRACTOR SHALL APPLY AND PAY FOR ALL PERMITS REQUIRED FOR THIS PROJECT, UNLESS
- 5. IF STRUCTURE REMOVAL CREATES SIGNIFICANT DEPRESSIONS, THE CONTRACTOR SHALL ROUND OFF THE SIDES TO 3:1 SLOPE, AND COMPACT TO 85% M.D.D.
- 6. ALL SAWCUT LINES SHALL BE NEATLY DONE, PARALLEL AND PERPENDICULAR TO EXISTING IMPROVEMENTS. SAWCUT LINES SHALL BE ADJUSTED TO REASONABLY INCORPORATE AREAS OF DAMAGED CURB, GUTTER, SIDEWALK, AND PAVEMENT.
- REMOVE AND DISPOSE OF ANY DEBRIS THAT IS WITHIN THE CONSTRUCTION LIMITS AND IS NOT SPECIFICALLY CALLED OUT.

#### SITE NOTES

- 1. REFERENCE ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND UTILITY PLANS FOR FURTHER IMPROVEMENTS WITHIN THIS CONTRACT.
- 2. REFERENCE LANDSCAPING PLANS FOR MOUNDING, PLANTING, AND IRRIGATION CONSTRUCTION.
- 3. ALL INSPECTION AND TESTING WILL BE TO THE VILLAGE OF ASHVILLE'S STANDARDS OR OHIO STANDARDS, WHICHEVER IS MORE STRINGENT.
- 4. ALL P.C.C. CURB, GUTTER, SIDEWALK, AND SLOPE PAVING SHALL BE CLASS AA OR DA CONCRETE (4000 PSI), WITH BROOM FINISH, UNLESS OTHERWISE INDICATED.
- 5. ALL CONCRETE CURB AND GUTTER SHALL HAVE 1/2" EXPANSION JOINTS EVERY 30 FOOT INTERVAL, AT ALL POINTS ABUTTING BUILDINGS OR STRUCTURES, AND AT ALL CURB RETURNS UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER OF RECORD. EXPANSION JOINTS ABUTTING BUILDINGS AND STRUCTURES SHALL HAVE SILICONE APPLIED TO THE JOINT TO PREVENT WATER INTRUSION. WEAKENED PLANE JOINTS SHALL BE EVERY 10 FEET AND STRUCK-THRU AS THE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION INDICATES.
- 6. CONCRETE SIDEWALKS SHALL HAVE 1/2" EXPANSION JOINTS AT ALL POINTS ABUTTING BUILDINGS AND STRUCTURES, EVERY 30 FOOT INTERVAL, AT ALL SIDEWALK RETURNS, AND OPPOSITE EXPANSION JOINTS IN ADJACENT CURB. EXPANSION JOINTS ABUTTING BUILDINGS AND STRUCTURES SHALL HAVE SILICONE APPLIED TO THE JOINT TO PREVENT WATER INTRUSION. WEAKENED PLANE JOINTS SHALL BE LOCATED AT INTERVALS NOT EXCEEDING 1.2 TIMES THE WIDTH AND NO MORE FREQUENTLY THAN 0.8 TIMES THE WIDTH. IN NO CASE SHALL REGULAR INTERVALS OF WEAKENED PLANE JOINTS IN EITHER DIRECTION EXCEED 10 FEFT.
- 7. THE CONTRACTOR SHALL INSTALL PAVEMENT STRIPING AS ILLUSTRATED ON THE PLANS PER THE STANDARD SPECIFICATIONS. PARKING STALLS SHALL BE MARKED WITH A 4" SOLID "TRAFFIC WHITE" PAINTED LINES. FIRE LANES SHALL BE MARKED WITH SOLID "TRAFFIC RED" PAINTED CURBS (TOP AND FRONT FACE) OR 4" PAINTED LINES IF INDICATED. ALL SIGNAGE SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 8. IN ALL AREAS WHERE NEW A.C. PAVEMENT OR PATCH IS TO MATCH EXISTING PAVEMENT, THE CONTRACTOR SHALL SAWCUT AND REMOVE THE EXISTING PAVEMENT 24" FROM SUCH IMPROVEMENTS OR AS INDICATED ON THE PLANS. NEW PAVEMENT OR PAVEMENT PATCH SHALL CONFORM TO THE EXISTING PAVEMENT AT THIS POINT AND TRANSITION SMOOTHLY TO THE NEW IMPROVEMENTS.
- 9. IN AREAS WHERE NEW CURB, GUTTER OR SIDEWALK IS TO MATCH EXISTING, THE CONTRACTOR SHALL REMOVE THE EXISTING CURB, GUTTER OR SIDEWALK TO THE CLOSEST JOINT.
- 10. THE CONTRACTOR SHALL CLOSELY COORDINATE CONSTRUCTION WITH OTHER TRADE CONTRACTORS, TO INSURE ADEQUATE ACCESS TO THE BUILDING SITE.
- 11. THE CONTRACTOR SHALL MAINTAIN FIRE ACCESS TO ALL THE BUILDINGS TO THE SATISFACTION OF THE CITY'S FIRE DEPARTMENT.
- 12. ALL DIMENSIONS AND DISTANCES ARE TO FRONT FACE OF CURB, CURB RETURNS, FACE OF BUILDINGS, FACE OF WALL, FLOWLINE, PROPERTY LINE, CENTER OF STRIPING, CENTERLINE OF PIPE OR MANHOLES, CENTER OF FENCING, OR END OF IMPROVEMENTS.
- 13. ALL QUANTITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND SHOULD BE USED FOR PERMIT PURPOSES ONLY. THEY SHALL NOT BE USED IN ANY WAY FOR BIDDING PURPOSES OR CONSTRUCTION PURPOSES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE HIS OWN QUANTITY ESTIMATES FOR BIDDING AND CONSTRUCTION PURPOSES

## WATER AND SANITARY SEWER CROSSING OR PARALLEL NOTES:

- WHEN THE SEWER MAIN CROSSES THE WATER MAIN, THE SEWER MAIN MUST BE LOCATED AT LEAST 18
   INCHES LOWER THAN THE WATER MAIN.
- 2. WHEN THE SEWER MAIN CROSSES A WATER SERVICE LATERAL, THE SEWER MAIN MUST BE LOCATED AT LEAST 18 INCHES LOWER THAN THE WATER SERVICE LATERAL.
- 3. WHEN THE SEWER SERVICE LATERAL CROSSES A WATER MAIN OR WATER SERVICE LATERAL, THE SEWER SERVICE LATERAL MUST BE LOCATED AT LEAST 12 INCHES LOWER THAN THE WATER MAIN OR WATER SERVICE LATERAL.
- 4. WHEN A SEWER OR STORM DRAIN MAIN PARALLELS A WATER MAIN OR WATER SERVICE LATERAL, THE SEWER MAIN MUST BE IN A SEPARATE TRENCH AND MUST HAVE A 10 FOOT HORIZONTAL SEPARATION.
- 5. WHEN A SEWER SERVICE LATERAL PARALLELS A WATER MAIN OR WATER SERVICE LATERAL, THE SEWER SERVICE LATERAL MUST BE IN A SEPARATE TRENCH, BE LOCATED 12 INCHES LOWER, AND MUST HAVE A 48 INCH HORIZONTAL SEPARATION.

#### UTILITY NOTES:

- 1. THE CONTRACTOR SHALL PERFORM A SEWER MANDREL TEST IN THE PRESENCE OF THE ENGINEER AND OWNER.
- THE CONTRACTOR SHALL BALL AND FLUSH ALL SEWER AND STORM DRAIN LINES IN THE PRESENCE OF THE ENGINEER AND OWNER.
- 3. THE CONTRACTOR SHALL PERFORM AN AIR PRESSURE TEST ON ALL SEWER LINES.
- 4. THE CONTRACTOR SHALL AT ALL TIMES, PROVIDE AND MAINTAIN EMERGENCY ACCESS TO THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE PROTECTION AGENCY HAVING JURISDICTION OVER THE PROJECT SITE.
- 5. THE CONTRACTOR SHALL ADJUST ALL UTILITY BOXES, MANHOLE COVERS, DRAIN INLETS, VALVE COVERS, ETC. TO MATCH FINISH GRADE IN THE CONSTRUCTION AREA UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 6. THE CONTRACTOR SHALL EXCAVATE FOR AND EXPOSE EXISTING UNDERGROUND UTILITIES WHERE CONNECTIONS ARE TO BE MADE PRIOR TO ANY CONSTRUCTION. SHOULD ANY ADJUSTMENTS IN LINE OR GRADE BE NECESSARY, THE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- 7. THE CONTRACTOR SHALL COORDINATE UNDERGROUND UTILITY CONSTRUCTION IN SUCH A MANNER AS TO PREVENT ANY CONFLICT WHERE UTILITY LINES CROSS.
- 8. THE CONTRACTOR SHALL COORDINATE PRE-CONSTRUCTION MEETINGS WITH ALL GOVERNING AGENCIES AND UTILITY COMPANIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- 9. ALL PVC SANITARY SEWER PIPE SHALL BE SDR 35 UNLESS OTHERWISE NOTED; ALL PVC STORM DRAIN PIPE SHALL BE SERIES 46 UNLESS OTHERWISE NOTED; ALL RCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.
- 10. ALL CATCH BASIN OUTLETS SHALL BE FITTED WITH A "SUR-TRAP" AS PER THE DETAILS INDICATE. ALL CATCH BASINS SHALL HAVE A MINIMUM OF 12" DEEP SILT TRAP IN THE BOTTOM.
- 11. GAS AS SHOWN IS SCHEMATIC ONLY. FINAL DESIGN SHALL BE PERFORMED BY LOCAL PURVEYOR. CONSTRUCTION SHALL FOLLOW THOSE PLANS AND SPECIFICATIONS.
- 12. THE CONTRACTOR SHALL INSTALL A BLUE REFLECTOR IN THE STREET CENTERLINE ADJACENT TO ALL FIRE HYDRANTS AND PAINT THE CURB "RED" PER THE REQUIREMENTS OF THE FIRE DEPARTMENT.
- 13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND SUPPLY ALL MECHANICAL JOINTS REQUIRED TO OBTAIN SUFFICIENT DEPTHS AT ALL SEWER, STORM DRAIN, AND ELECTRICAL CROSSINGS. HE SHALL ALSO BE RESPONSIBLE TO DETERMINE AND SUPPLY ALL MECHANICAL JOINTS DUE TO GRADE CHANGES AT ALL SLOPES.
- 14. ELECTRICAL, TELEPHONE, AND CABLE TV DESIGN SHALL BE PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. CONSTRUCTION SHALL FOLLOW THEIR PLANS AND SPECIFICATIONS.

  GENERAL WATER NOTES:
- 1. ALL CONSTRUCTION SHALL CONFORM TO VILLAGE OF ASHVILLE PUBLIC WORKS CONSTRUCTION
- 2. THE WATER SYSTEM SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR THE PUBLIC WORKS CONSTRUCTION. THE STANDARD DETAILS FOR PUBLIC WORKS ADOPTED BY VILLAGE OF ASHVILLE (EXCEPT AS MODIFIED BY THESE PLANS OR SPECIAL PROVISIONS) AND VILLAGE OF ASHVILLE UTILITY DIVISION STANDARDS.
- 3. ALL PIPE PLUGS ARE TO BE EXTENDED 20' BEYOND END OF PAVEMENT OR 40' BEYOND VALVE, (WHICHEVER IS GREATER) WITH FLUSH VALVES AND AIR RELEASE ASSEMBLY, IF AT HIGH POINT.
- 4. VALVES SHALL BE SPACED AT 500' MAXIMUM.

STANDARD SPECIFICATIONS.

- 5. ALL WATER SERVICE LATERALS SHALL HAVE A METER BOX INSTALLED.
- 6. THE CONTRACTOR SHALL INSTALL A WATER METER BOX AND METER.
- 7. WATER PIPE SHALL BE CLASS 150 PER AWWA C-900, UNLESS OTHERWISE SHOWN ON PLANS.
- 8. SUBMITTALS FOR ALL WATER PIPE AND APPURTENANCES SHALL BE SUBMITTED AND APPROVED BY VILLAGE OF ASHVILLE UTILITY SERVICES DIVISION PRIOR TO CONSTRUCTION
- 9. WATER PIPE FITTINGS SHALL BE D.I. OR C.I. IN ACCORDANCE WITH AWWA C-111 AND C-110 OR C-153.
- 10. THE CONTRACTOR SHALL MEET WITH THE UTILITY SERVICES DIVISION PRIOR TO STARTING CONSTRUCTION ON THE WATER SYSTEM.
- 11. WATER LINES SHALL BE CHLORINATED AND FLUSHED IN ACCORDANCE WITH AWWA STANDARDS AND TO THE SATISFACTION OF THE UTILITY DIVISION INSPECTOR PRIOR TO EXISTING WATER SYSTEM TIE IS MADE
- 12. NEW WATER LINES MUST PASS THE BACTERIOLOGICAL TEST AND THE PRESSURE TEST TO THE SATISFACTION OF THE UTILITY DIVISION INSPECTOR.
- 13. THE VILLAGE OF ASHVILLE INSPECTOR MUST APPROVE TIES TO EXISTING WATER LINES.
- 14. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF ASHVILLE SERVICES DIVISION 48 HOURS PRIOR TO STARTING CONSTRUCTION ON THE WATER OR SEWER SYSTEM.
- 15. VALVES INSTALLED UNDERGROUND SHALL BE EQUIPPED WITH A VALVE BOX, COVER AND CONDUCTOR PIPE. THE COVER SHALL BE MARKED "WATER".
- 16. VALVES SHALL BE RESILIENT-SEATED GATE VALVES. IRON BODY, BRONZE-MOUNTED, AND NON-RISING MEETING THE REQUIREMENTS OF AWWA C-509. VALVES SHALL BE INSTALLED WITH THE STEMS IN A VERTICAL POSITION. VALVES SHALL OPEN "COUNTER-CLOCKWISE" AND SHALL HAVE 2" SOUARE

OPERATING NUTS. VALVES SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C-600 AND THE

- 17. UNDERGROUND DETECTABLE WARNING TAPE SHALL BE AT LEAST 3" WIDE AND SHALL BE BLUE IN COLOR AND SHALL BE MARKED "CAUTION WATER LINE BURIED BELOW" AT LEAST EVERY 36".
- 18. ALL METALLIC PARTS INSTALLED UNDERGROUND THAT DO NOT HAVE A FACTORY APPLIED PROTECTIVE COATING SHALL BE PROTECTED WITH A FIELD APPLIED BITUMINOUS COATING SUCH AS TAPE COAT, MASTIC OR EQUAL.
- 19. REPRODUCIBLE AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE UTILITY SERVICES DIVISION PRIOR TO ACCEPTANCE OF PROJECT WITH THE FOLLOWING IDENTIFIED:

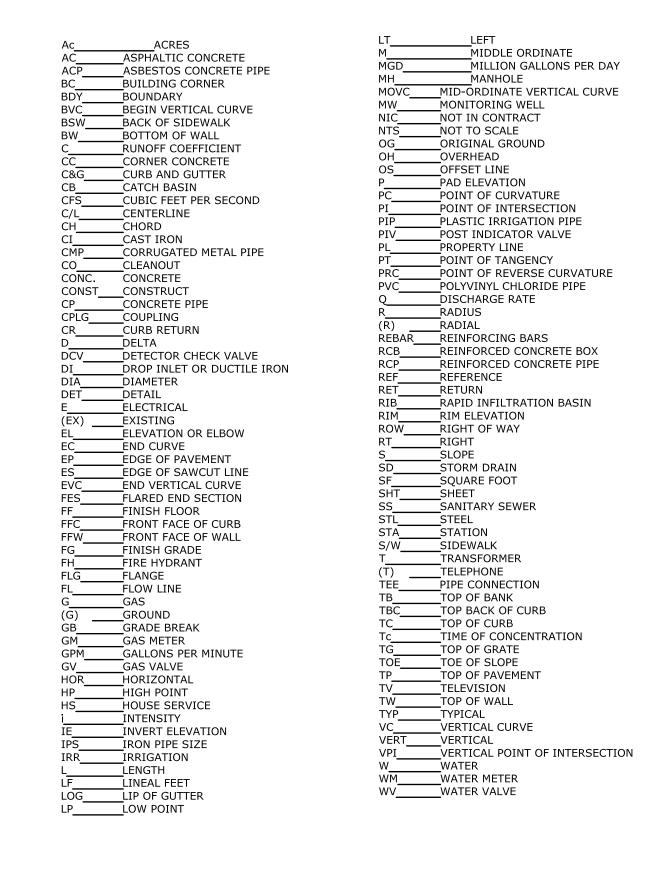
GENERAL:

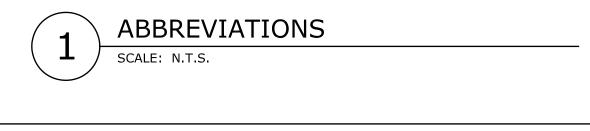
A) CHANGE IN SLOPE OR ALIGNMENT
B) CHANGE IN SIZE OR TYPE OF SEWER AND WATER PIPE
SEWER:

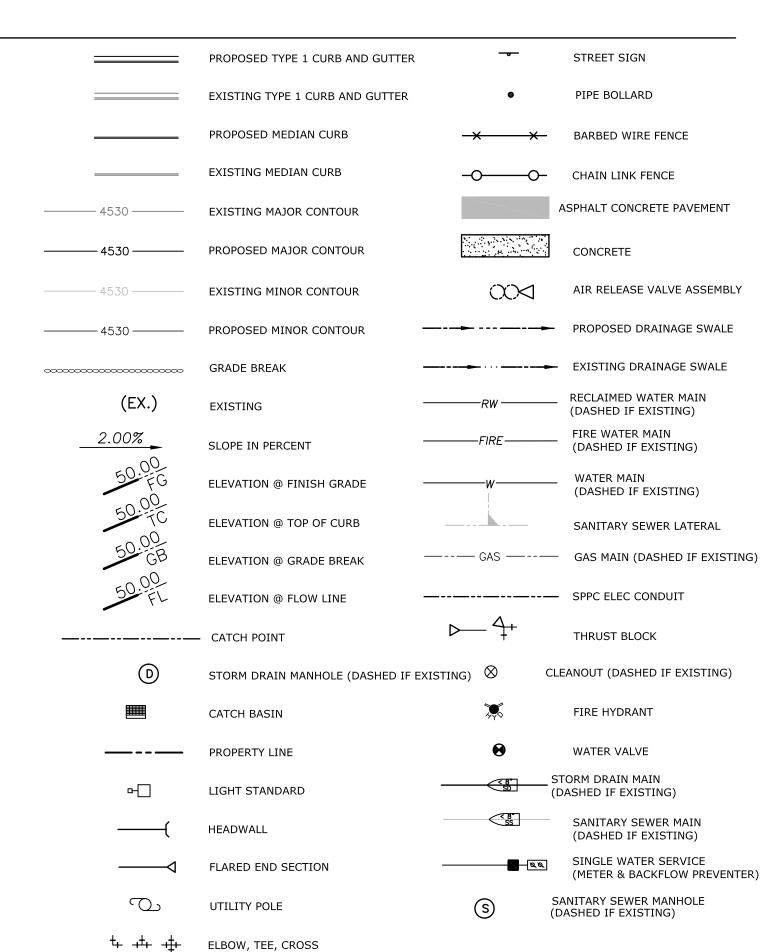
A) DIMENSION FROM DOWN-STREAM SSMH TO EACH LATERAL
B)CHANGES IN DIMENSION BETWEEN SSMH'S
C) CHANGES IN I.E.'S

ER:

A) CHANGES IN DIMENSIONS BETWEEN FITTINGS AND VALVES
B) CHANGES IN DIMENSIONS BETWEEN VALVES
C) CHANGES IN TYPES OF FITTINGS AND VALVES









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Design Group.

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DESIGNED: S.W

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4-28-16 EXP. 12-31-17

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DESIGNATION NV 89521

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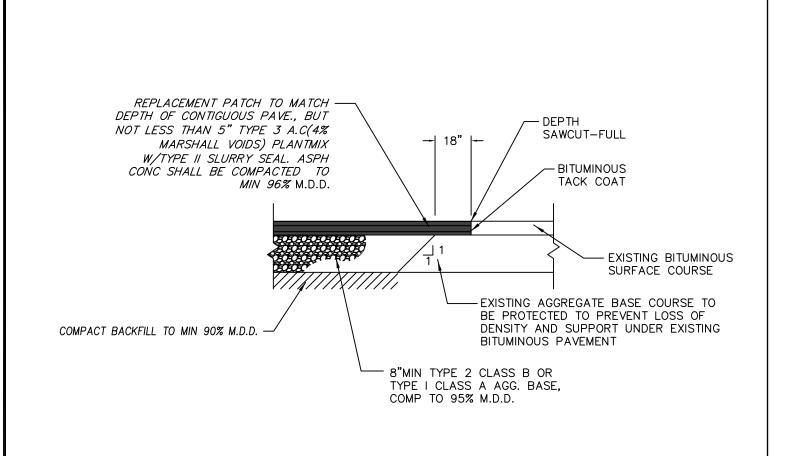
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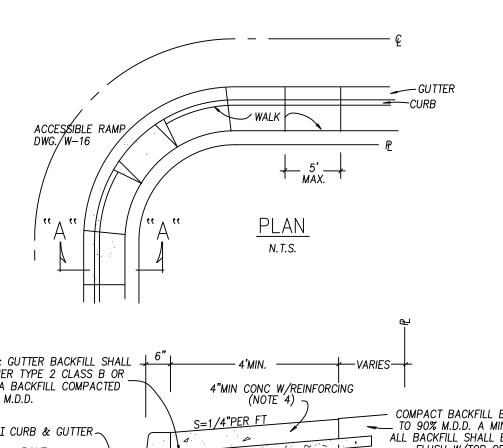
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GENERAL NOTES ABBREVIATIONS LEGEND

LEGEND

C6.



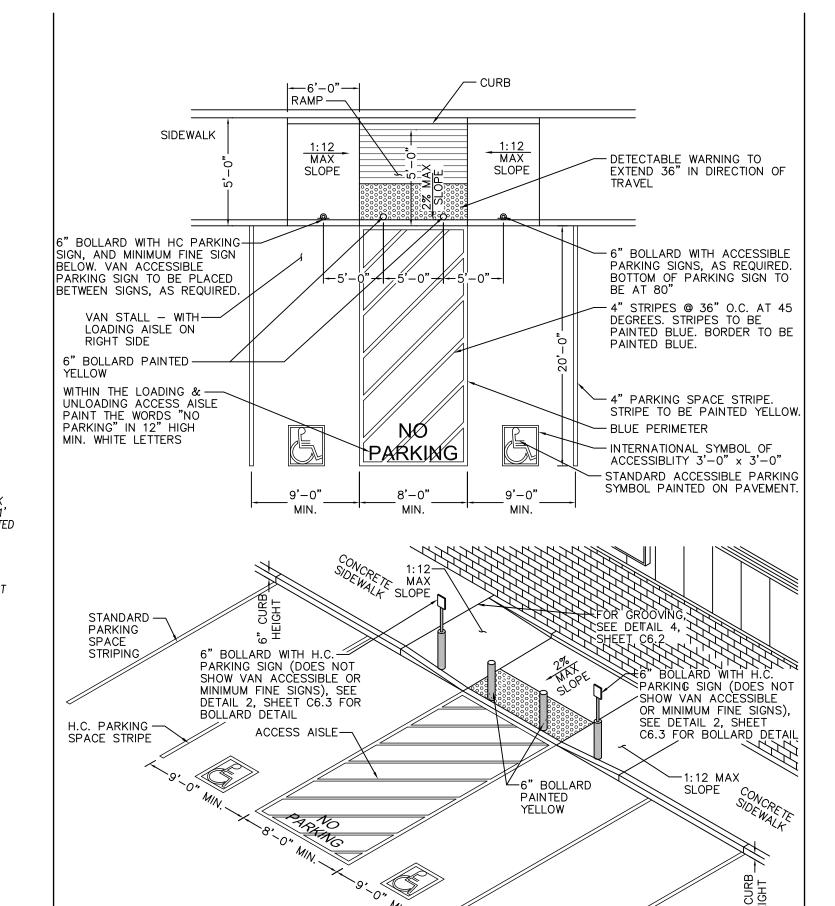


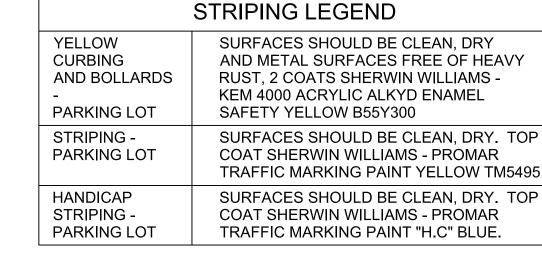
CURB & GUTTER BACKFILL SHALL \$\(\frac{6"}{1}\) BE EITHER TYPE 2 CLASS B OR CLASS A BACKFILL COMPACTED TO 90% M.D.D. COMPACT BACKFILL BEHIND WALK — TO 90% M.D.D. A MIN DIST. OF 1' TYPE I CURB & GUTTER -ALL BACKFILL SHALL BE COMPACTED FLUSH W/TOP OF SIDEWALK. 2"LEVELING COURSE OF CLASS A BACKFILL OR TYPE 2 CLASS B BASE REQ'D ONLY IF SUBGRADE SOILS WILL NOT PASS THROUGH A 2"SIEVE (SUBGRADE, SEE NOTE 3). CLASS B BASE

## NOTES

- 1. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 psi MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% = 1.5% SLUMP AT 1 TO 4 INCHES. OR APPROVED EQUAL.
- 2. SEE ROADWAY SECTIONS FOR SIDEWALK WIDTHS.
- 3. SIDEWALK SUBGRADE SHALL BE COMPACTED TO 90% M.D.D. IF EXPANSIVE OR UNSTABLE SOILS ARE ENCOUNTERED AT SIDEWALK SUBGRADE ELEV., THE SOILS SHALL BE OVEREXCAVATED TO CONFORM WITH THE SOILS REPORT OR REQUIREMENTS OF LOCAL JUSRIDICTION.
- 4. REINFORCING SHALL CONSIST OF COLLATED, FIBRILLATED, POLYPROPYLENE FIBER AS MFD. BY FIBERMESH OR APPROVED EQUAL. ADD 1-1/2 LBS. PER CU.YD. OF CONCRETE.
- 5. INSTALL EXPANSION JOINTS AT BEGINNINGS & ENDS OF CURVES & EVERY 200' ON TANGENT.

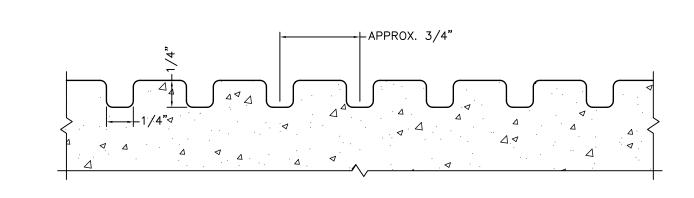






CONTRACTOR IS RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS (ELECTRIC, WATER, GAS, SEPTIC, SEWER) AS WELL AS PROVIDING ALL INFRASTRUCTURES REQUIRED BY UTILITY COMPANY.



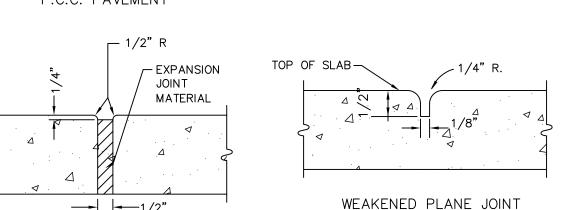




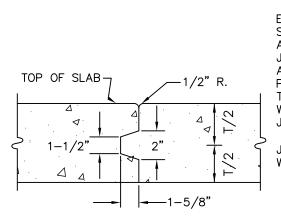
## POURED JOINT SEALANT SUPERSEALI 444 OR EQUAL TOP OF SLAB~ -PREFORMED JOINT FILLER 3/8" UPHOLSTERY -**→** | <del>-</del> √1 /4 CORN BOND BREAKER SAWED OR PREMOLDED WEAKENED PLANE JOINT STRIP JOINT P.C.C. PAVEMENT

SAWCUT DETAIL

SCALE: N.T.S.



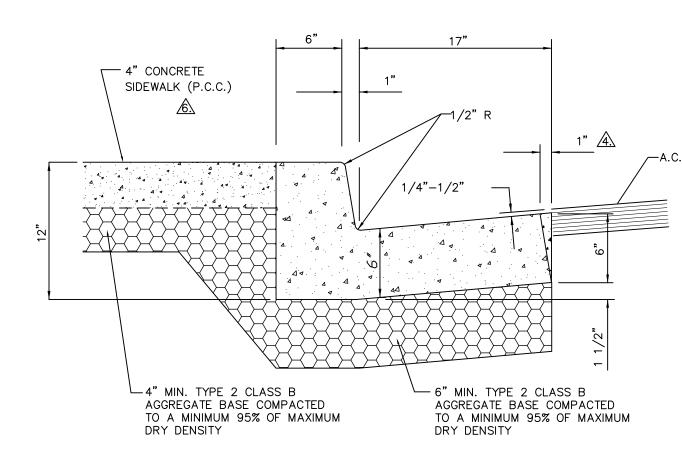
1/2" SIDEWALK, CURB & GUTTER EXPANSION JOINT



1.) FOR SIDEWALKS, THE JOINTING PATTERN SHALL BE 1/2" EXPANSION JOINTS AT ALL POINTS ABUTTING BUILDINGS AND STRUCTURES AT EVERY 30 FOOT INTERVAL, AT ALL CURB RETURNS, AND OPPOSITE EXPANSION JOINTS IN ADJACENT CURB. EXPANSION JOINTS ABUTTING BUILDINGS AND STRUCTURES SHALL HAVE SILICONE APPLIED TO THE JOINT TO PREVENT WATER INTRUSION. WEAKENED PLANE JOINTS TO PREVENT WATER. AT INTERVALS NOT EXCEEDING 1.2 TIMES THE WIDTH AND NO MORE FREQUENTLY THAT 0.8 TIMES THE WIDTH. IN NO CASE SHALL REGULAR INTERVALS OF WEAKENED PLANE JOINTS IN EITHER DIRECTION EXCEED 10 FEET. 2.) ALL CONCRETE CURB AND GUTTER SHALL HAVE 1/2" EXPANSION JOINTS EVERY 30 FEET AND AT ALL CURB RETURNS AND SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET.

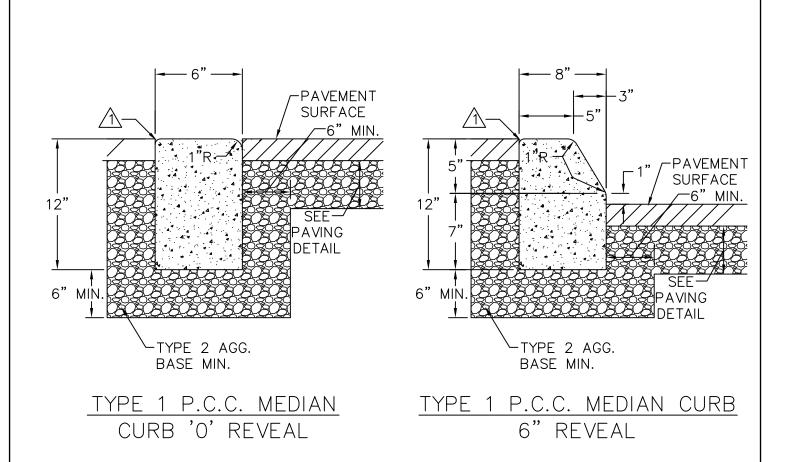
KEYED JOINT

P.C.C. JOINTING DETAILS SCALE: N.T.S.



- 1. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 psi MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% = 1.5% SLUMP AT 1 TO 4 INCHES. OR APPROVED EQUAL.
- 2. EXPANSION JOINTS 1/2-INCH WIDE SHALL BE LOCATED IN CURBS AND GUTTERS AT EACH SIDE OF STRUCTURES, AT THE ENDS OF ALL CURB RETURNS, AND ABUTTING HARDENED IN-PLACE CURB AND GUTTER, EXCEPT THAT EXPANSION JOINTS SHALL NOT BE INSTALLED WITHIN 20 FEET OF AN ISLAND NOSE. EXPANSION JOINTS SHALL BE 1/2-INCH THICK, SHAPED TO THE CROSS SECTION OF THE CURB AND GUTTER, AND CONSTRUCTED AT RIGHT ANGLES TO THE CURB AND GUTTER WITH JOINT FILLER MATERIAL WEAKENED PLANE JOINTS SHALL BE EVERY 10 FEET AND
- LOCATED ON THE BACK, TOP AND FACE OF THE CURB AND THE TOP OF THE GUTTER 3. CURB & GUTTER SECTIONS SHALL BE PLACED SEPARATELY FROM SIDEWALK SECTIONS.
- BATTERED" CONSTRUCTION ALLOWED FOR NEW CONSTRUCTION, WHILE "VERTICAL" CONSTRUCTION PERMITTED FOR RECONSTRUCTION.
- 5. WHERE ALTERNATE STANDARDS OF CURB AND GUTTER EXIST, AND THE REPLACEMENT CURB AND GUTTER IS GREATER THAN 20 CONTINUOUS FEET IN LENGTH, TYPE 1 CURB AND GUTTER SHALL BE INSTALLED WITH THE APPROPRIATE TRANSITIONS TO MATCH INTO THE EXISTING CURB AND GUTTER, IF DIRECTED BY THE CITY ENGINEER.
- 6 WHEN SIDEWALK IS NOT REQUIRED, BACKFILL BEHIND THE CURB TO THE TOP FOR A HORIZONTAL DISTANCE OF 12" FROM BACK FACE OF CURB, WITH A MATCH TO EXISTING GRADE OF NOT EXCEEDING A 3:1 SLOPE.

TYPE I P.C.C. CURB & GUTTER DETAIL SCALE: N.T.S.



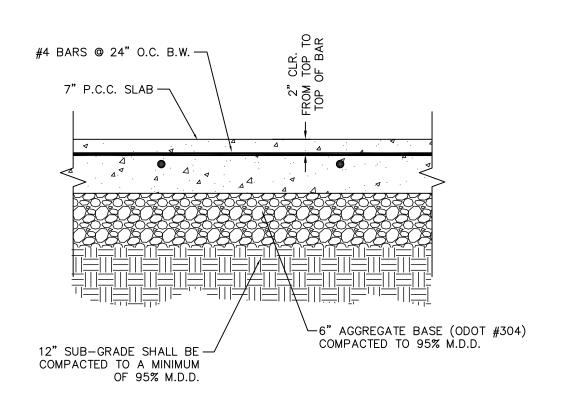
ACCESSIBLE RAMP & STALL DETAIL

SCALE: N.T.S.

71. RADIUS TO BE 1/2 INCH, OMIT ROUNDING IF CURBS ARE BACK TO BACK.

PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 psi MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% = 1.5% SLUMP AT 1 TO 4 INCHES. OR APPROVED EQUAL.

TYPE I P.C.C. MEDIAN CURB DETAIL SCALE: N.T.S.



SAW JOINTS @ 12.5' O.C. MAX (EQUAL SPACE) AND DOWEL JOINTS EVERY OTHER JOINT AS PER DÉTAIL 1 & 1A SHEET C6.3..

CONCRETE APRON DETAIL SCALE: N.T.S.

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MATT RASMUSSEN 80941

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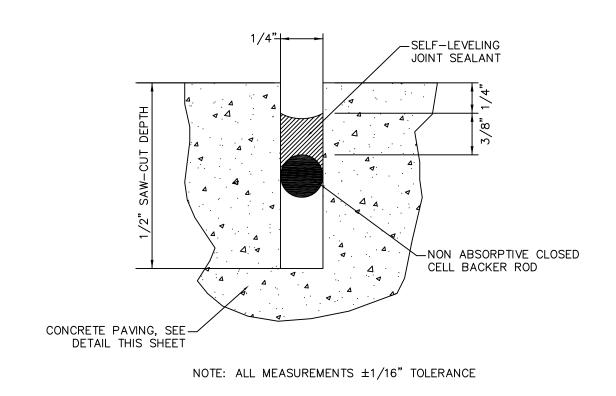
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**DETAIL SHEET** 

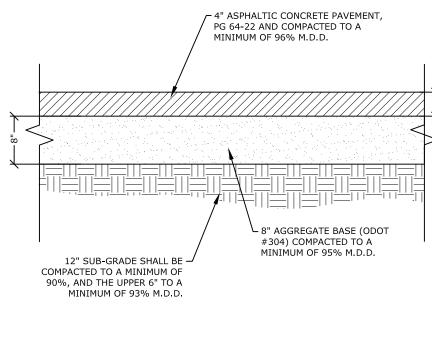
# TRANSVERSE / LONGITUDINAL WEAKENED PLANE JOINT SCALE: N.T.S.



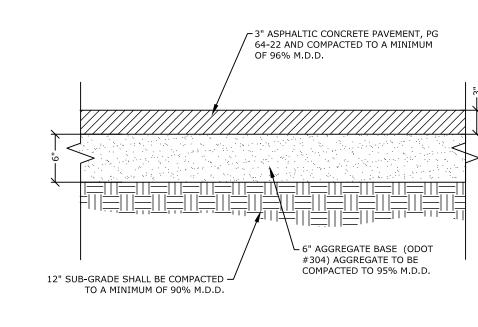
# WEAKENED PLANE JOINT SINGLE SAWCUT SCALE: N.T.S.

1'-0" x 1'-6" x 0.080 ALUMINUM ACCESSIBLE PARKING SIGN. BOLT TO POLE WITH 3/8" CADIUM PLATED VANDALPROOF BOLTS, NUTS & VAN ACCESSIBLE STALLS TO HAVE 1'-0"-× 0'-6" × 0.080 ALUMINUM "VAN ACCESSIBLE" & "MIN. FINE \$250" SIGN W/ 3/4" LETTERS. BOLT TO POLE W/ 3/8" CADIUM PLATED VANDALPROOF BOLTS, NUTS AND WASHERS. MIN. FINE \$250 -2" SCH. 40 GALV. STEEL PIPE CONCRETE FILL WITH 1/2" HIGH DOME TOP TO DRAIN -6" DIA. STD. PIPE COLUMN, U.N.O. — PAINT "SAFETY YELLOW" SLOPE TOP OF CONCRETE EXTERIOR APPLICATION -CONCRETE SLAB, SEE PLAN -16" DIA. x 24" DEEP PIPE BOLLARD

CCESSIBLE PARKING STALL SIGNAGE / BOLLARD SCALE: N.T.S.



1. ASPHALT PAVING CONSISTS OF A 1.5 INCH WEARING SURFACE OVER TACK COAT OVER A 2.5 INCH BINDER COURSE AS SPECIFIED IN THE GEOTECHNICAL INVESTIGATION.



1. ASPHALT PAVING CONSISTS OF A 1.5 INCH WEARING SURFACE OVER TACK COAT OVER A 1.5 INCH BINDER COURSE AS SPECIFIED IN THE GEOTECHNICAL INVESTIGATION.

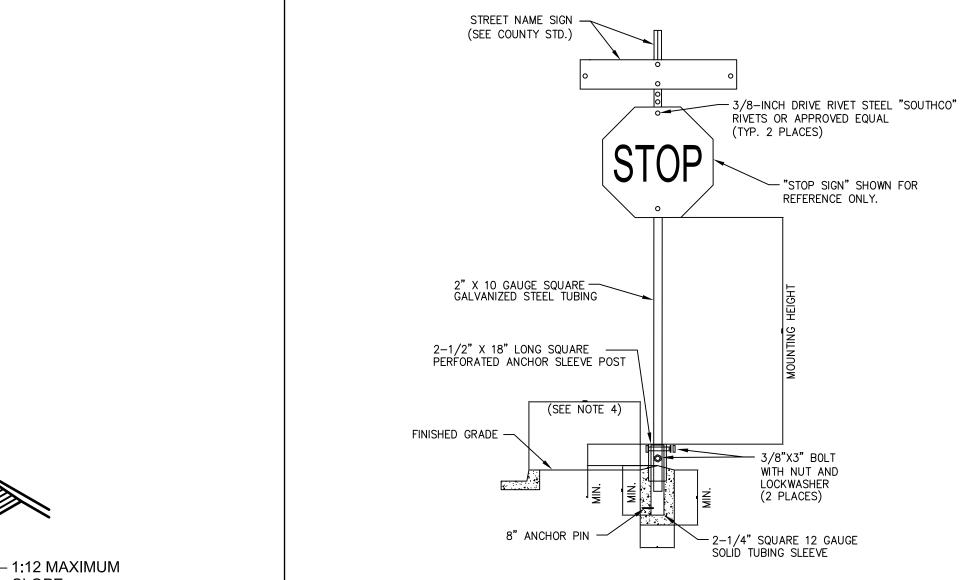


# **HEAVY AC PAVING SECTION**

SCALE: N.T.S.

LIGHT AC PAVING SECTION

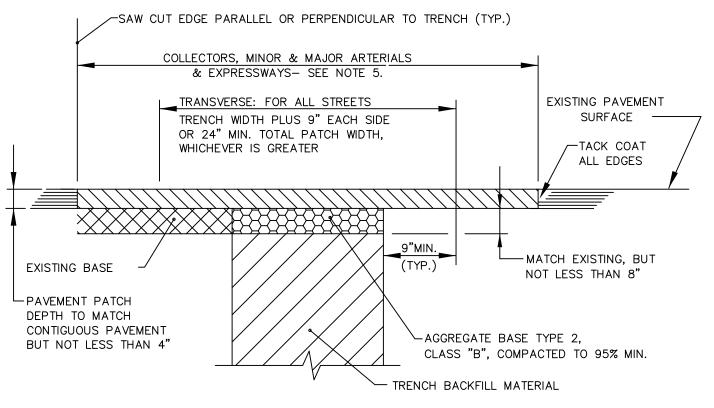
SCALE: N.T.S.



## NOTES:

- 1. SIGN MATERIALS, CONSTRUCTION AND PLACEMENT SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 2. ON STREETS WHERE CURBING DOES NOT EXIST, SET SIGN 6 FEET MINIMUM FROM PAVEMENT EDGE.
- 3. CONCRETE BASE SHALL BE LOCATED AT BACK OF SIDEWALK, UNLESS OTHERWISE DIRECTED BY THE
- 4. ALL REGULATORY SIGNS SHALL USE ASTM TYPE 3 OR 4 INTENSITY SHEETING.

TRAFFIC SIGN INSTALLATION DETAIL SCALE: N.T.S.



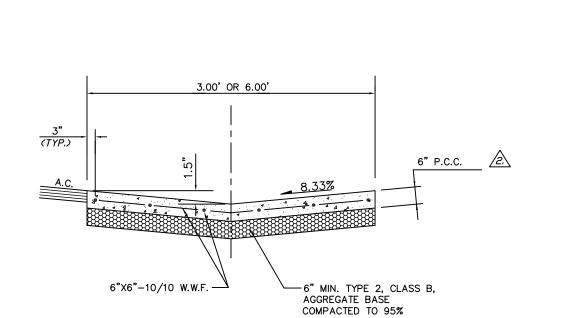
- 1. A PERMIT MUST BE OBTAINED FROM THE CITY ENGINEER PRIOR TO CUTTING ANY PUBLIC RIGHT-OF-WAY. 24 HOURS PRIOR TO TRENCH EXCAVATION, THE PERMITTEE MUST NOTIFY THE CITY EXCAVATION PERMIT INSPECTOR OR APPLICABLE ENGINEER OF RECORD.
- 2. ALL PERMANENT PATCH WORK SHALL BE THE RESPONSIBILITY OF THE JURISDICTION UNLESS OTHERWISE AUTHORIZED BY THE CITY.
- 3. IF SAW CUT IS WITHIN 2 FEET OF AN EXISTING PAVEMENT EDGE OR EXISTING PAVEMENT PATCH, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION. 4. ALL A.C. REPLACEMENT REQUIREMENTS ARE MINIMUM WIDTHS ONLY. THE CITY ENGINEER MAY REQUIRE WIDER PATCH SECTIONS OR OTHERWISE ALTER THESE REQUIREMENTS.
- 5. LONGITUDINAL TRENCH PATCH WIDTH: FOR COLLECTORS, MINOR AND MAJOR ARTERIALS AND EXPRESSWAYS: IF SAW CUT EDGES FOR LONGITUDINAL OR TRANSVERSE EXCAVATIONS FALL WITHIN A TRAVEL LANE, SAW CUT SHALL BE EXTENDED TO, AND REMOVAL MADE TO EDGE OF THE TRAVEL LANE, OR THE FULL DEPTH PATCH SHALL BE MADE PER THE SPECIFICATIONS FOR TRANSVERSE PATCHES AND THE ENTIRE TRAVEL LANE ROTOMILLED TO A DEPTH OF TWO INCHES AND OVERLAYED
- 6. EDGE OF 4" ROCK WHEEL TRENCHES FOR CONDUIT SHALL BE LOCATED A MINIMUM OF 9" FROM GUTTER LIP AND SHALL BE PATCHED AS PER THE ABOVE DETAIL.
- 7. AGGREGATE BASE AND BITUMINOUS PAVEMENT SHALL BE IN ACCORDANCE WITH

WITH TWO INCHES OF BITUMINOUS PLANTMIX AS DIRECTED BY THE ENGINEER.

- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST REVISION.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF LOOP DETECTORS, ADJUSTMENT OF UTILITIES AND SURVEY MONUMENTS TO GRADE AND INSTALLATION OF TEMPORARY PAVEMENT MARKERS.
- 9. FOR P.C.C. CURB REPLACEMENT, SAW CUT EXISTING PAVEMENT 18 INCHES MIN. FROM GUTTER LIP LINE, REMOVE AND REPLACE PAVEMENT TO SAW CUT EDGES. CONCRETE MAY BE POURED NEAT AGAINST EXISTING EDGE OF ASPHALT IF APPROVED BY CITY ENGINEER.



BITUMINOUS PAVEMENT PATCH SCALE: N.T.S.



- 1. THIS GUTTER DESIGN IS NOT FOR USE ON CITY STREETS, FOR PRIVATE USE ONLY.
- 2 FOR CONCRETE MIX DESIGN SEE DETAIL 4 ON SHEET S5.1 OF THE STRUCTURAL IMPROVEMENT PLANS.
- 3. LONGITUDINAL VALLEY GUTTER SHALL HAVE EXPANSION JOINTS EVERY 30 FEET AND WEAKENED PLANE JOINTS EVERY 10 FEET.
- 4. FOR INDUSTRIAL AREAS, AN ENGINEERED DESIGN IS REQUIRED.
- 5. AGGREGATE BASE SHALL BE ENGINEERED TYPE 2, CLASS B, COMPACTED TO A MINIMUM OF 95%.

LONGITUDINAL VALLEY GUTTER DETAIL SCALE: N.T.S.

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04/28/16

DETAIL SHEET

**DELIVERY RAMP DETAIL** 

SCALE: N.T.S.

SLOPE - CONSTRUCT RAMP OUT OF CONCRETE, SEE DETAIL 2, SHEET C6.2 FOR CONCRETE DESIGN.

— YELLOW STRIPING

CITY ENGINEER.

DETENTION BASIN INCLUDING ONE FOOT UP THE SIDE SLOPES AT A MINIMUM OF ONCE EVERY TWO

2. ANY SLOPE OVER 3:1 SHALL BE 6" - 12" ROCK RIP RAP OVER FILTER FABRIC & ANY SLOPE

LANDSCAPE DETENTION POND

UNDER 4:1 SHALL BE 4" MINUS COBBLE OR ROCK RIP RAP.

SCALE: N.T.S.

YEARS WHICH SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER (DETENTION BASIN SHALL BE

LATERAL SEWER MAIN SEWER SERVICE LATERAL INSTALLATION PARALLEL TO WATER MAIN OR WATER SEWER SERVICE LATERAL SERVICE LATERAL (TYP.) CROSSING WATER MAIN OR WATER SERVICE LATERAL (TYP.) PIPE JOINTS SPACED EQUAL DISTANCE FROM CROSSING WATER SEWER MAIN MAIN OR /SERVICE LATERAL WATER SEWER MAIN MAIN\ DUCTILE IRON SLEEVE OR CONCRETE ENCASEMENT (SHOWN). SEWER MAIN INSTALLATION 10' MIN. ON EACH SIDE OF CROSSING PARALLEL TO WATER MAIN OR WATER SERVICE LATERAL SEWER MAIN (ALT.) CROSSING WATER MAIN (ALT.)

MAIN OR

SERVICE

LATERAL

WATER MAIN OR

SERVICE.

LATERAL

MIN.

SEWER MAIN INSTALLATION

PARALLEL TO WATER MAIN OR WATER SERVICE LATERAL

(TYP.)

SEWER MAIN

SEWER

SERVICE\

WATER

SEWER MAIN CROSSING WATER

MAIN OR WATER SERVICE LATERAL (TYP.)

WATER

MAIN OR

SERVICE

LATERAL

/SEWER MAIN

MAIN OR

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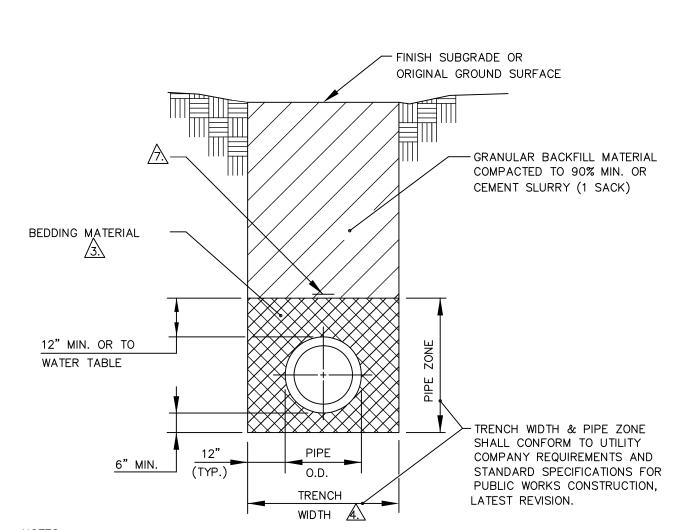
INSTALLATION OF SEWER LINES AND LATERALS SHALL BE IN CONFORMANCE WITH ALL WATER/SEWER SYSTEM SEPARATION REGULATIONS.

- WHENEVER POSSIBLE, SEWER LINES AND LATERALS SHALL BE INSTALLED IN SEPARATE TRENCHES IN THE TYPICAL CONFIGURATIONS SHOWN ABOVE.
- 3. IF THE PIPE CANNOT BE INSTALLED IN THE TYPICAL OR ALTERNATIVE CONFIGURATIONS, THE CONTRACTOR SHALL HAVE WRITTEN APPROVAL FROM THE DIVISION OF HEALTH FOR ANY OTHER INSTALLATION CONFIGURATION.
- 4. WHEN THE SEWER MAIN CROSSES THE WATER MAIN, THE SEWER MAIN MUST BE LOCATED AT LEAST 18" LOWER THAN THE WATER MAIN.
- 5. WHEN THE SEWER MAIN CROSSES A WATER SERVICE LATERAL, THE SEWER MAIN MUST BE LOCATED AT LEAST 18" LOWER THAN THE WATER SERVICE
- WHEN THE SEWER SERVICE LATERAL CROSSES A WATER MAIN OR WATER SERVICE LATERAL, THE SEWER SERVICE LATERAL MUST BE LOCATED AT LEAST 12" LOWER THAN THE WATER MAIN OR WATER SERVICE LATERAL.
- 7. WHEN A SEWER MAIN PARALLELS A WATER MAIN OR WATER SERVICE LATERAL, THE SEWER MAIN MUST BE IN A SEPARATE TRENCH AND MUST HAVE A 10' HORIZONTAL SEPARATION.
- WHEN A SEWER SERVICE LATERAL PARALLELS A WATER MAIN OR WATER SERVICE LATERAL, THE SEWER SERVICE LATERAL MUST BE IN A SEPARATE TRENCH, BE LOCATED 12" LOWER, AND MUST HAVE A 48" HORIZONTAL SEPARATION.
- 9. WHEN SEPARATIONS ABOVE CANNOT BE ACHIEVED, WATERLINE SHALL BE CONCRETE ENCASED A MINIMUM OF 10' BEYOND EACH SIDE OF CROSSING WITH 4" P.C.C. CONCRETE PER ORANGE BOOK STDS.
- 10. INSTALL RED MUD AT WATER SEWER CROSSING.

-12" BEEHIVE GRATE, COORDINATE TYPE TOP OF WITH CLIENT DETENTION POND -12" SDR 35 PVC PIPE INSTALL END CAP WITH 3" -HOLE DRILLED INTO REGULATE FLOW 6" MINUS COBBLE -BOTTOM OF DETENTION -12" SDR 35 PVC PIPE, 1" HOLES CAN BE DRILLED IN SURFACE OF PIPE UP TO 6" FROM BOTTOM 12" SDR 35 PVC ─\ PIPE OUTLET TO / 12" SDR 35 PVC PIPE

DETENTION POND OUTLET DETAIL SCALE: N.T.S.

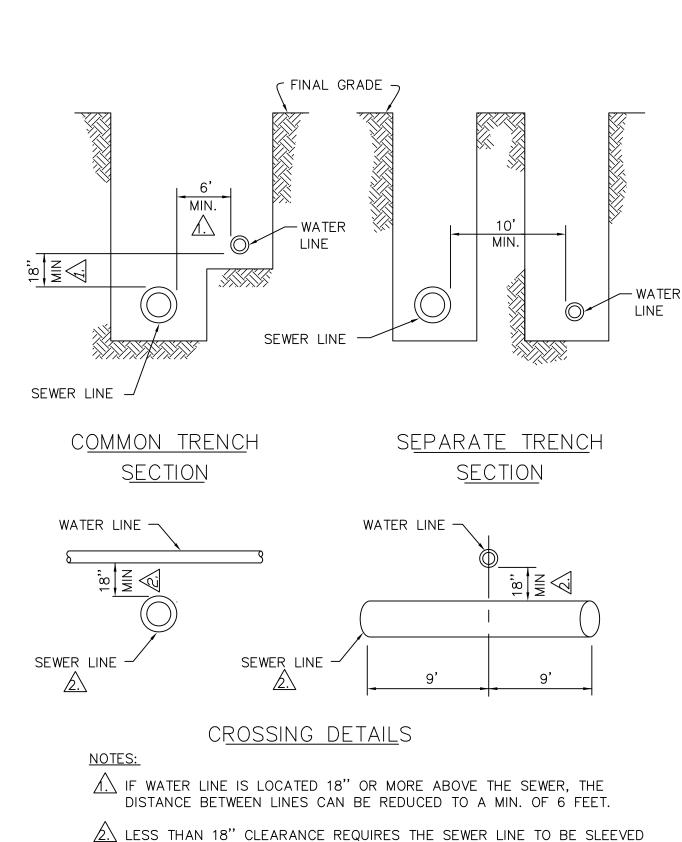
WATER/SEWER CROSSING DETAIL SCALE: N.T.S.



NOTES: 1. A PERMIT MUST BE OBTAINED FROM THE CITY ENGINEER PRIOR TO CUTTING ANY PUBLIC RIGHT-OF-WAY. 24 HOURS PRIOR TO TRENCH EXCAVATION, THE PERMITTEE MUST NOTIFY THE CITY EXCAVATION PERMIT INSPECTOR OR APPLICABLE ENGINEER OF RECORD.

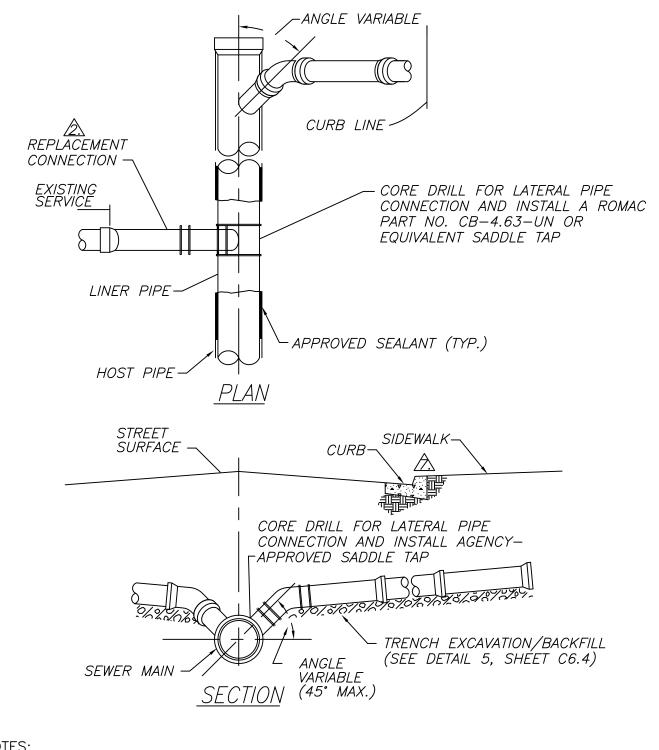
- 2. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST REVISION. 3 BEDDING MATERIAL SHALL CONFORM TO OWNING-UTILITY COMPANY REQUIREMENTS AS APPROVED BY THE COUNTY. FOR CITY-OWNED UTILITIES, BEDDING MATERIAL SHALL BE CLASS "A", "B", OR "C", COMPACTED TO 90% MINIMUM. FOR TRAFFIC/ELECTRICAL CONDUIT TRENCHES LESS THAN 12" IN WIDTH, INCLUDING VERMIER TRENCHES, BEDDING SHALL BE CLASS "A" MATERIAL. BACKFILL SHALL BE CEMENT SLURRY (ONE SACK). CEMENT SLURRY BEDDING/BACKFILL MAY BE USED AS AN ALTERNATE TO CLASS "A", "B" OR "C" MATERIAL WITH WRITTEN APPROVAL FROM THE CITY ENGINEER FOR EACH SPECIFIC
- 4 ALL EXCAVATIONS SHALL CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS. SHORING OR SLOPED CUT MAY BE NECESSARY, BUT THERE WILL BE NO PAYMENT FOR ADDITIONAL EXCAVATION, BEDDING, BACKFILL, OR SHORING. √5.\ NOT USED
- 6. EDGE OF 4" ROCK WHEEL TRENCHES FOR CONDUIT SHALL BE LOCATED A MINIMUM OF 9" FROM GUTTER LIP. PIPE TAPE IDENTIFICATION OF UTILITY SHALL BE INSTALLED.

FRENCH EXCAVATION & BACKFILL SCALE: N.T.S.



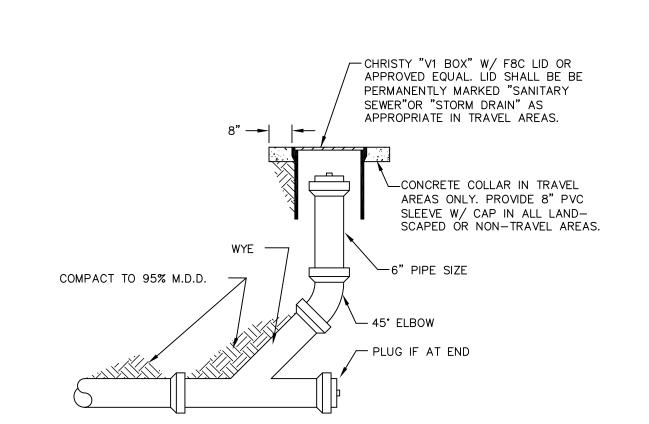
WITH DUCTILE IRON PIPE OR BE ENCASED IN REINFORCED CONCRETE TO A LENGTH OF 9 FEET IN EITHER DIRECTION FROM THE WATER MAIN.





1. SEWER LATERALS SHALL HAVE A MINIMUM SLOPE OF 2%, UNLESS APPROVED OTHERWISE BY THE CITY ENGINEER. 2. LATERAL SHALL BE CUT BACK TO SOUND MATERIAL FOR COUPLING. 3. ALL CONNECTIONS TO THE CITY SEWER MAINS MUST BE CORE DRILLED. 4. ENCASE LATERAL CONNECTION IN CEMENT, STABILIZED SAND OR 2000 PSI CONCRETE FOLLOWING INSTALLATION. CONNECTION MUST BE INSPECTED BY CITY PRIOR TO BACKFILL 5. NO LATERAL CONNECTIONS SHALL BE MADE TO SANITARY SEWER "INTERCEPTOR" LINES WITHOUT THE APPROVAL OF THE CITY ENGINEER. 6. ALL APPLICABLE SANITARY SEWER PIPE INSTALLATION WORK SHALL BE IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE. 7. THE LOCATION OF EACH LATERAL SHALL BE PERMANENTLY IDENTIFIED BY STAMPING AN "S" IN THE TOP OF THE CURB AT THE LOCATION WHERE THE LATERAL CROSSES THE CURB

> SANITARY SEWER LATERAL SCALE: N.T.S.



SANITARY SEWER CLEAN OUT SCALE: N.T.S.

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DRAWN: DESIGNED:

CHECKED/STAMPED:

RASMUSSEN 80941

R.W.G.

S.W.T.

4-28-16 EXP. 12-31-17

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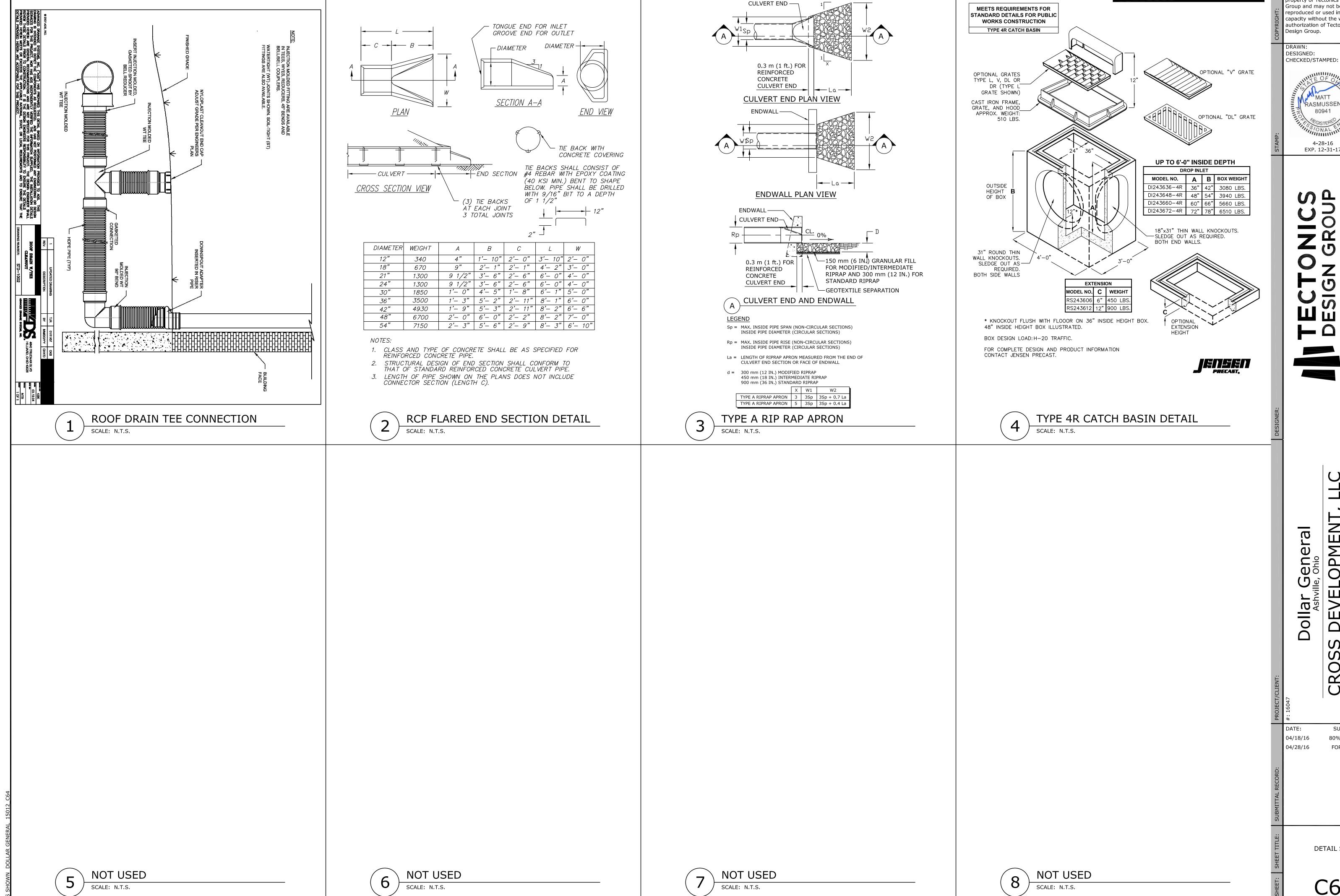
Gen Ile, Ohio

olla<sub>Ast</sub> CROSS DE 420 SOUTHFORK

> SUBMITTAL 80% REVIEW

04/18/16 04/28/16 FOR PERMIT

DETAIL SHEET



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R.W.G.

S.W.T.

RASMUSSEN 80941

4-28-16 EXP. 12-31-17

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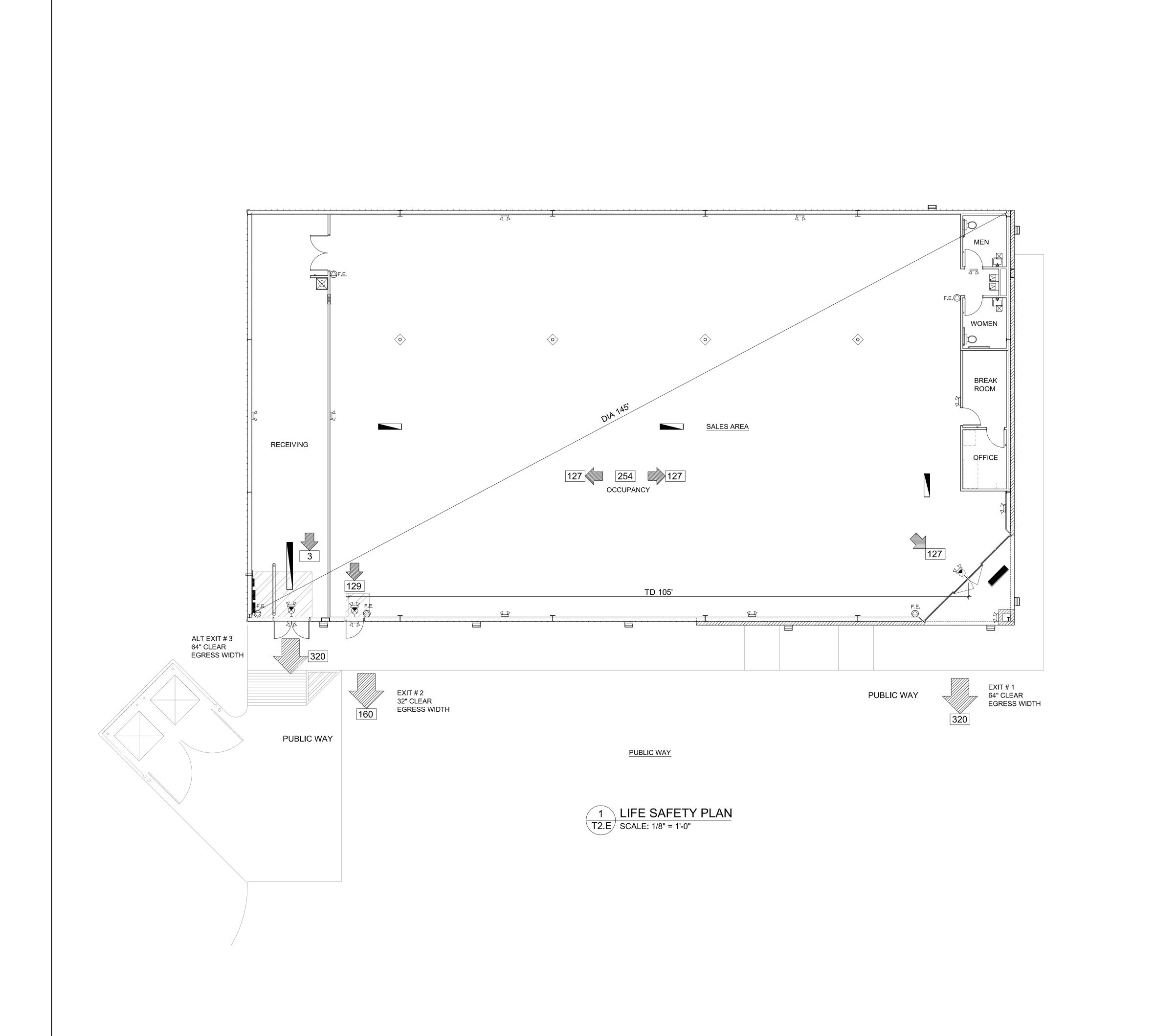
CROSS DEVELOPMENT, LLC 420 SOUTHFORK DR. LEWISVILLE, TEXAS 75057

SUBMITTAL

80% REVIEW FOR PERMIT

**DETAIL SHEET** 

C6.5



## CODE SUMMARY

CODE STUDY: 9,100 SF RETAIL SPACE | ASHVILLE, OH

2012 INTERNATIONAL BUILDING CODE

SUMMARY OF WORK: NEW CONSTRUCTION

M-MERCANTILE USE GROUP:

**BUILDING TYPE:** TYPE II B

CLIMATE ZONE:

SEISMIC ZONE: GENERAL REQUIREMENTS:

NO FIRE SPRINKLER SYSTEM: NO FIRE ALARM SYSTEM: YES FIRE EXTINGUISHERS:

OCCUPANT LOADING:

SQ. FT. GROSS (Entire Bldg.) 9,100 DIVIDER: # PERSONS:

SF / PERSON RECEIVING 911 300 OFFICE/TLTS 305 100 8,644 Flr Area Gross

MEANS OF EGRESS:

REQUIRED: MAX PERSONS: OCCUPANCY UNSPRINKLED EXITS PROVIDED # EXITS: UNITS/EXIT: # DOORS: UNITS: 0.02 EXIT#1 EXIT#2 32 <u>160</u>

(BETWEEN EXITS)

<u>DÍAGONAL'</u> DIAGONAL RULE: 73 TD>DIA/2 OK

PLUMBING FIXTURE COUNT (IPC) AREA #1

50% F: # PERSONS: 129 129 REQUIRED: (PROVIDED) MALES 1 PER 500: 1M # WC (1M WC) 1 PER 750: 1M # LAV (1M LAV) **FEMALES** 1 PER 500: 1F # WC (1F WC) 1 PER 750: 1F # LAV (1F LAV) 1 PER 1000: 1 D.F. DRINKING FOUNTAINS (2 D.F.'s) **JANITOR** 1 PER 1000: 1 SS (1SS)

# APPLICABLE CODES

BUILDING:

PLUMBING: 2011 OHIO PLUMBING CODE

MECHANICAL: 2011 OHIO MECHANICAL CODE

ELECTRICAL: 2011 NATIONAL ELECTRIC CODE NFPA 70

2009 OHIO FIRE CODE

# FIRE EXTINGUISHER SPEC.

SYMBOL GENERAL CONTRACTOR SHALL FURNISH AND INSTALL NEW FIRE EXTINGUISHERS PER LOCAL FIRE MARSHAL SPECIFICATIONS.

F.E. ALL FIRE EXTINGUISHERS SHALL BE TAGGED AND CERTIFIED BY

FIRE EXTINGUISHER: DRY CHEMICAL, 2-A MIN. RATING. WALL MOUNT WITH BOTTOM OF EXTINGUISHER AT 30" A.F.F. UNLESS OTHERWISE INSTRUCTED BY THE FIRE MARSHAL.

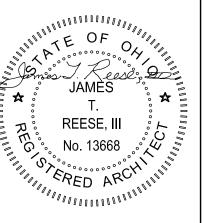
# LEGEND



320

STORE PLANNING Inc.

3080 SENNA DRIVE Matthews, North Carolina 28105 Phone: 704-841-7288 Fax: 704-849-6997



| # | DATE | REVISION |  |  |  |  |  |  |
|---|------|----------|--|--|--|--|--|--|
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|   |      |          |  |  |  |  |  |  |

499 L( SHVIL)

2011 OHIO BUILDING CODE

GAS: 2009 INTERNATIONAL FUEL GAS CODE

ACCESSIBILITY: 2011 OBC CHAPTER 11 / 2009 ANSI A117.1

2009 IECC / 2007 ASHRAE 90.1 ENERGY:

FIRE SAFETY: NATIONAL FIRE ALARM AND SIGNALING

CODE NFPA 72-10 AUTOMATIC SPRINKLER SYSTEMS NFPA 13-10

QUANTITY AND LOCATIONS MAY VARY FROM SHOWN ON THIS PLAN.

G.C. PRIOR TO STORE OPENING.

GENERAL FIRE EXTINGUISHER CRITERIA:

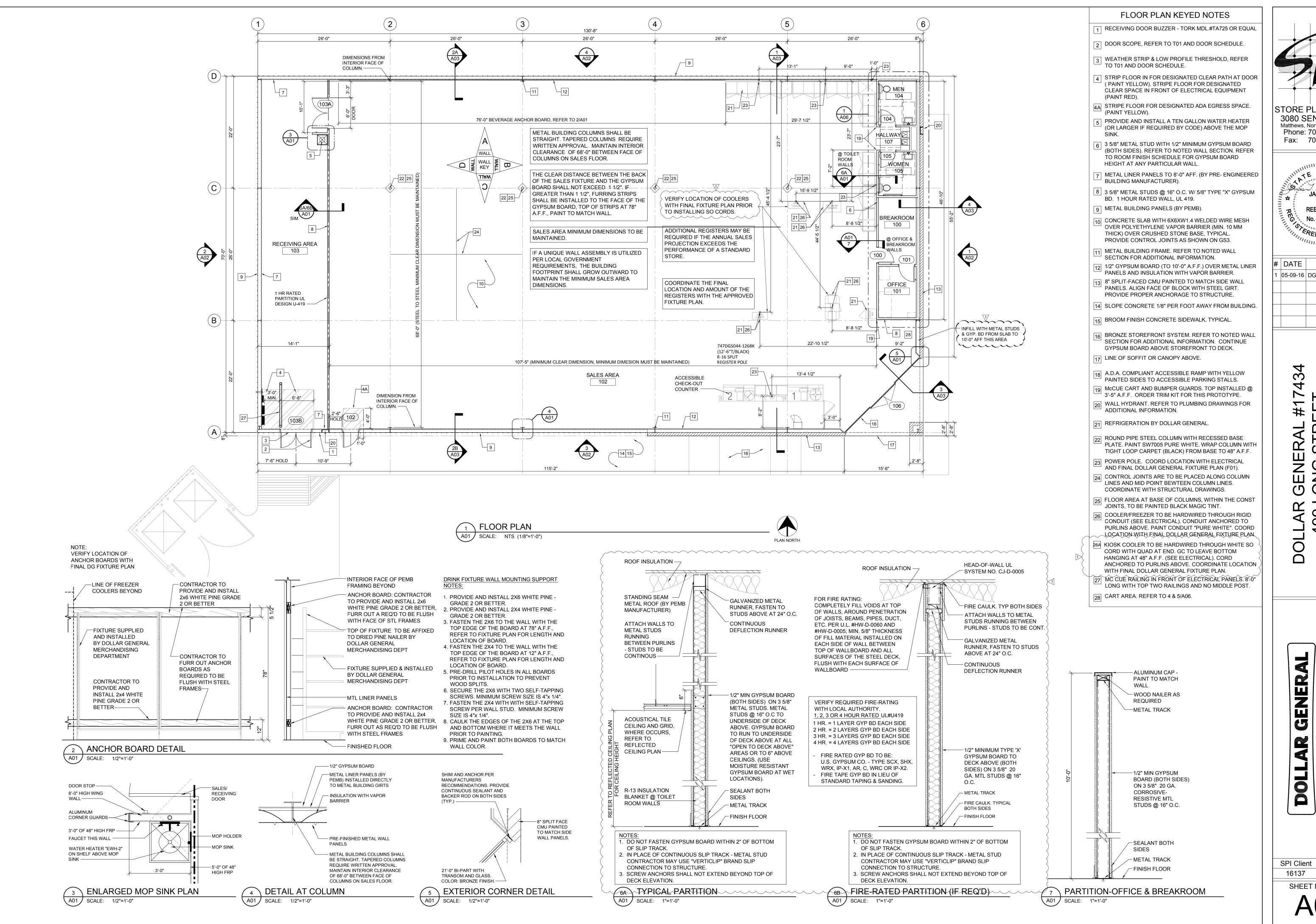


MAX OCCUPANT LOAD

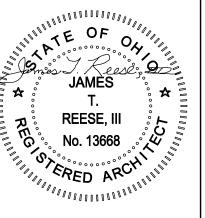
SAFETY

GENERAL

SPI Client DATE 04-18-16



STORE PLANNING Inc 3080 SENNA DRIVE Matthews, North Carolina 28105 Phone: 704-841-7288 Fax: 704-849-6997



# DATE REVISION

05-09-16 DG COMMENTS

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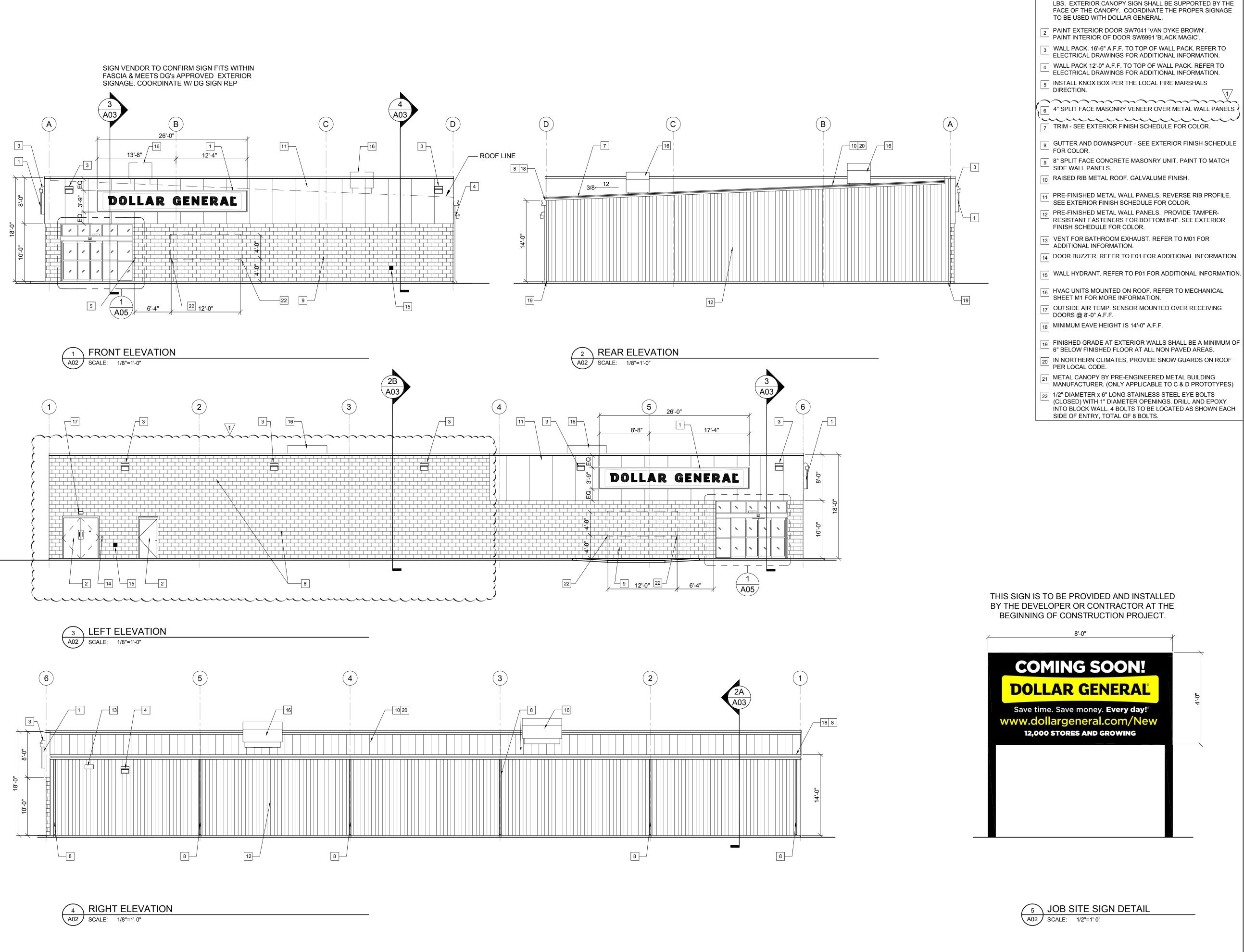
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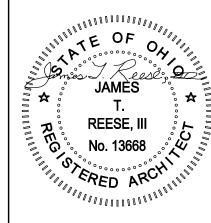
DATE 04-18-16

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STORE PLANNING Inc 3080 SENNA DRIVE Matthews, North Carolina 28105 Phone: 704-841-7288 Fax: 704-849-6997



DATE REVISION 6.17.18 | Planning Bd Update

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#17.

TRE

DOLLAR GE 499 LOI ASHVILLE

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20 IN NORTHERN CLIMATES, PROVIDE SNOW GUARDS ON ROOF

**ELEVATION KEYED NOTES** SIGN FURNISHED AND INSTALLED BY DOLLAR GENERAL CORP WITH CIRCUIT AS NOTED ON ELECTRICAL PLAN. SIGN TO BE CENTERED ON FRONT OF BUILDING. CONTRACTOR IS TO PROVIDE ADEQUATE BLOCKING AS REQUIRED BY SIGN MANUFACTURER TO SUPPORT SIGN WEIGHT OF UP TO 1,400

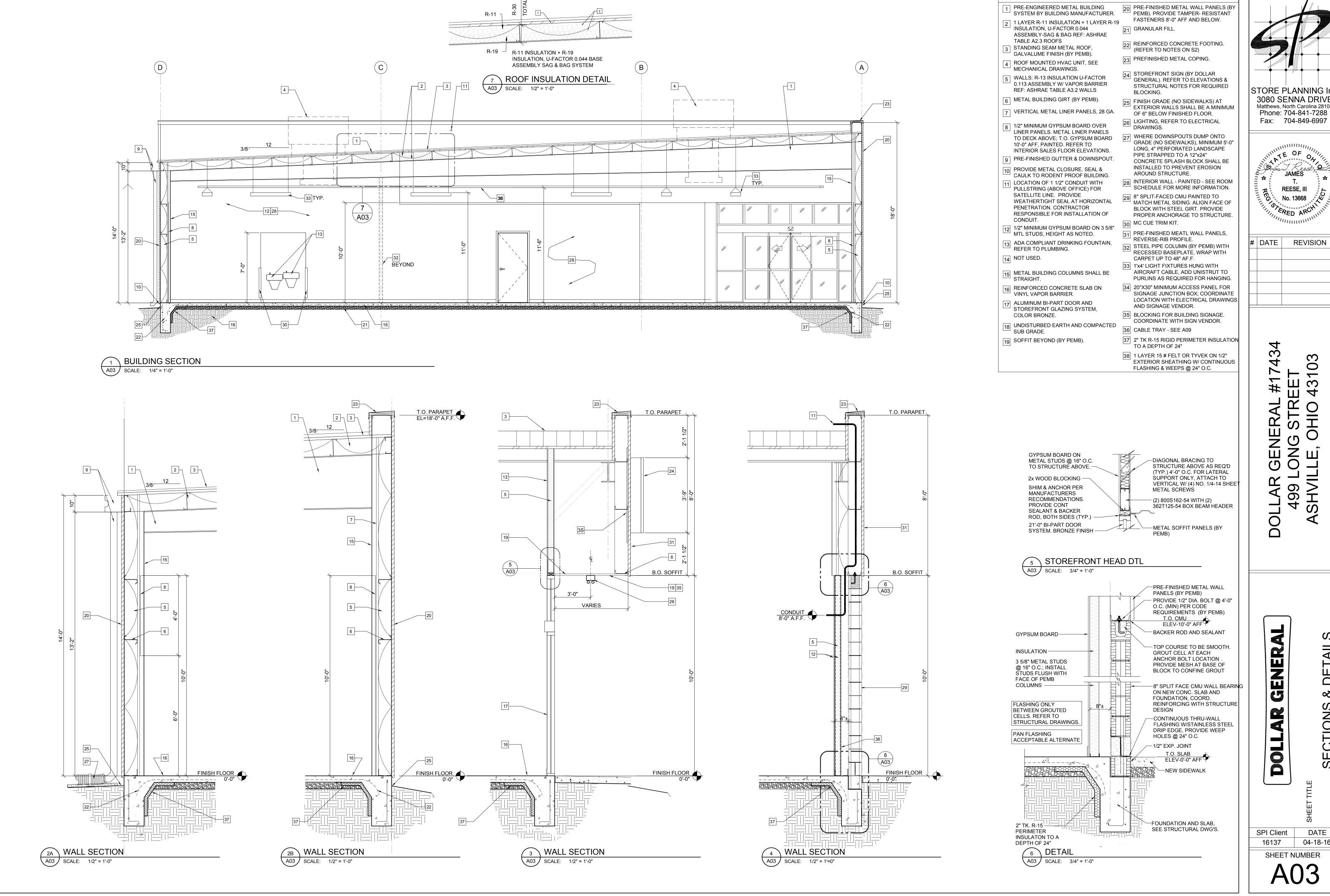
21 METAL CANOPY BY PRE-ENGINEERED METAL BUILDING MANUFACTURER. (ONLY APPLICABLE TO C & D PROTOTYPES)

1/2" DIAMETER x 6" LONG STAINLESS STEEL EYE BOLTS (CLOSED) WITH 1" DIAMETER OPENINGS. DRILL AND EPOXY INTO BLOCK WALL. 4 BOLTS TO BE LOCATED AS SHOWN EACH

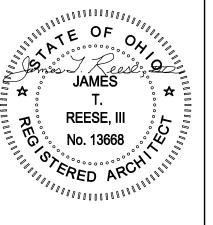
> GENERAL

ELEVATIONS

SPI Client DATE 16137 04-18-16



STORE PLANNING Inc 3080 SENNA DRIVE Matthews. North Carolina 28105 Phone: 704-841-7288



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# DATE REVISION

SECTION KEYED NOTES

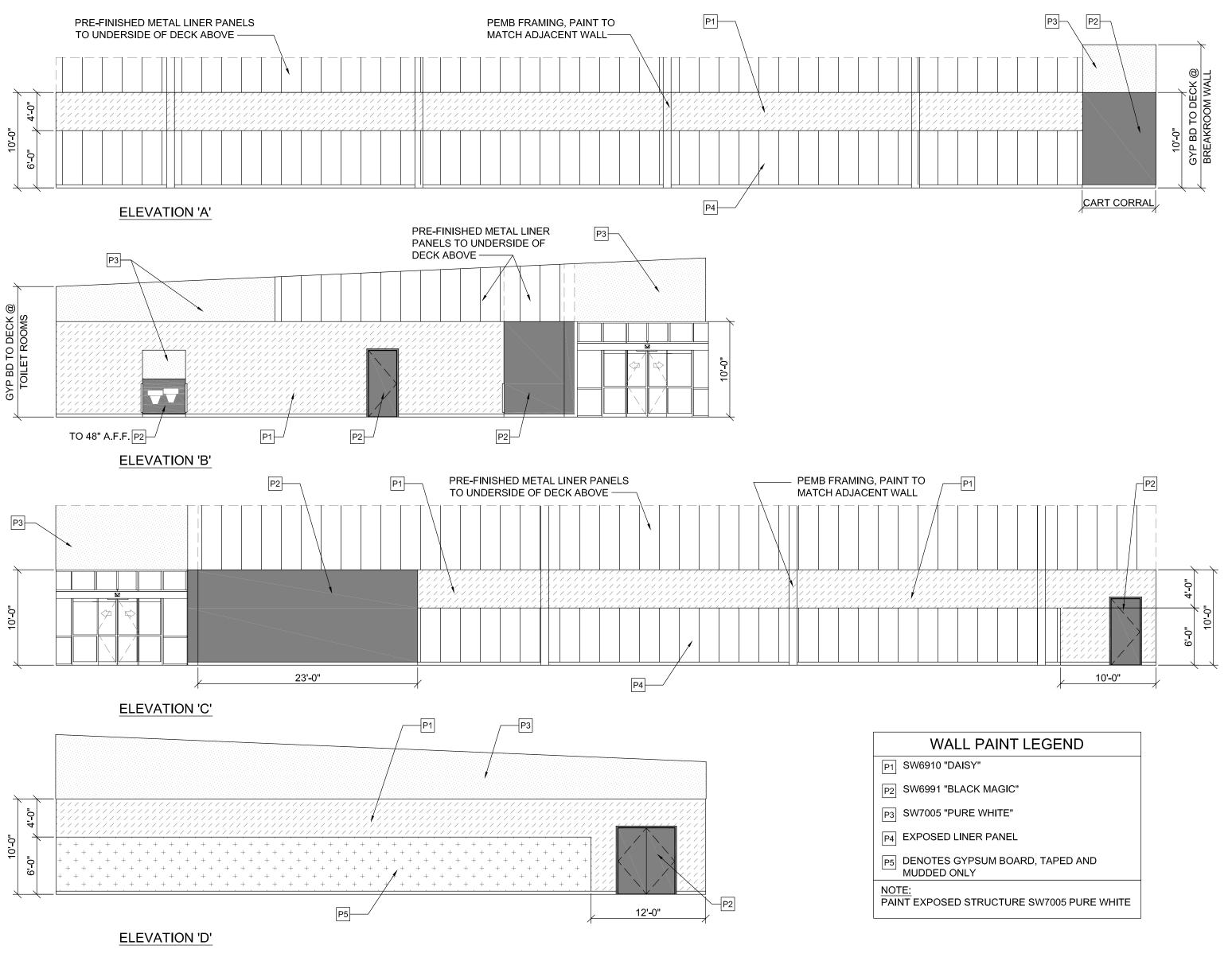
SPI Client DATE 04-18-16

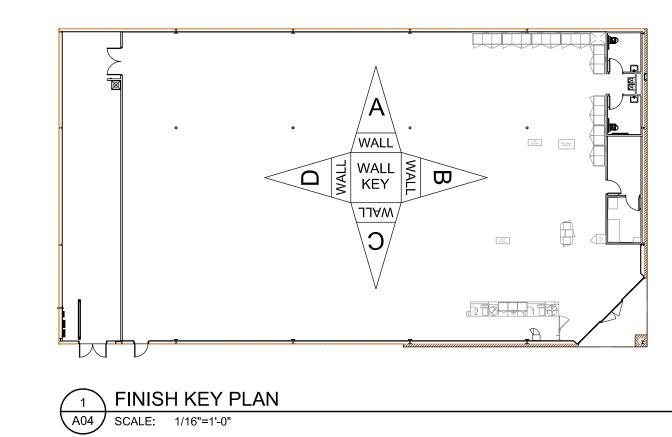
**DETAIL** 

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SECTIONS

|        | ROOM SCHEDULE                   |                                     |                                                                     |                              |        |                                                                    |                                                                                                                                                                                 |                                                                     |                                                                                                                                                                                 |                                                                    |                                                                                                                                                                                 |                                                   |                                                                                            |                                             |         |         |
|--------|---------------------------------|-------------------------------------|---------------------------------------------------------------------|------------------------------|--------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------|---------|---------|
| ROOM F |                                 | FLO                                 | FLOOR                                                               |                              | BASE   |                                                                    | A WALL                                                                                                                                                                          |                                                                     | B WALL                                                                                                                                                                          |                                                                    | C WALL                                                                                                                                                                          |                                                   | D WALL                                                                                     |                                             | CEILING |         |
| NO     | NAME                            | MATERIAL                            | FINISH                                                              | MATERIAL                     | FINISH | MATERIAL                                                           | FINISH                                                                                                                                                                          | MATERIAL                                                            | FINISH                                                                                                                                                                          | MATERIAL                                                           | FINISH                                                                                                                                                                          | MATERIAL                                          | FINISH                                                                                     | MATERIAL                                    | FINISH  | REMARKS |
| 100    |                                 | SEALED<br>CONCRETE                  | CONCRETE<br>WITH SEALER                                             | 4" RUBBER<br>/ VINYL<br>BASE | BLACK  | GYP BD ON<br>MTL STUDS<br>TO UNDER-<br>SIDE OF DECK<br>ABOVE.      | SHERWIN WILLIAMS -<br>SW7005-PURE WHITE,<br>PRO-MAR LATEX<br>SEMI-GLOSS.                                                                                                        | GYPSUM BOARD<br>TO 10'-0" A.F.F.<br>WHITE MTL LINER<br>PANELS ABOVE | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                        | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.                                | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                        | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.               | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                   | EXPOSED<br>TO<br>STRUCTURE<br>ABOVE         | N/A     |         |
| 101    | OFFICE                          | SEALED<br>CONCRETE                  | CONCRETE<br>WITH SEALER                                             | 4" RUBBER<br>/ VINYL<br>BASE | BLACK  | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.                                | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                        | TO 10'-0" A.F.F.<br>WHITE MTL LINER<br>PANELS ABOVE                 | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                        | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.                                | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                        | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.               | SHERWIN WILLIAMS -<br>SW7005-PURE<br>WHITE, PRO-MAR<br>LATEX SEMI-GLOSS.                   | EXPOSED<br>TO<br>STRUCTURE<br>ABOVE         | N/A     |         |
| 102    | SALES<br>AREA                   | POLISHED<br>CONCRETE<br>(STEPS 1-8) | POLISHED<br>CONCRETE<br>WITH SEALER                                 | 4" RUBBER<br>/ VINYL<br>BASE | BLACK  | GYPSUM BOARD<br>TO 10'-0" A.F.F.<br>ON WHITE METAL<br>LINER PANELS | SHERWIN WILLIAMS,<br>PRO-MAR LATEX<br>SATIN. SEE ELEVS<br>ON THIS SHEET.                                                                                                        | HEIGHT                                                              | SHERWIN WILLIAMS,<br>PRO-MAR LATEX<br>SATIN. SEE ELEVS<br>ON THIS SHEET.                                                                                                        | GYPSUM BOARD<br>TO 10'-0" A.F.F.<br>ON WHITE METAL<br>LINER PANELS | SHERWIN WILLIAMS,<br>PRO-MAR LATEX<br>SATIN. SEE ELEVS<br>ON THIS SHEET.                                                                                                        | GYPSUM<br>BOARD TO<br>ROOF DECK                   | SHERWIN WILLIAMS,<br>PRO-MAR LATEX<br>SATIN. SEE ELEVS<br>ON THIS SHEET.                   | EXPOSED<br>TO<br>STRUCTURE<br>ABOVE         | N/A     |         |
| 103    |                                 | SEALED<br>CONCRETE                  | CONCRETE<br>WITH SEALER                                             | N/A                          | N/A    | METAL LINER<br>PANEL TO<br>8'-0" A.F.F.                            | WHITE                                                                                                                                                                           | GYPSUM<br>BOARD TO<br>ROOF DECK                                     | TAPED, PAINTED AS<br>REQ'D BY CODE.<br>METAL LINER PANEL<br>TO DECK AS<br>ALTERNATE.                                                                                            | METAL LINER<br>PANEL TO<br>8'-0" A.F.F.                            | WHITE                                                                                                                                                                           | METAL LINER<br>PANEL TO<br>8'-0" A.F.F.           | WHITE                                                                                      | EXPOSED<br>TO<br>STRUCTURE<br>ABOVE         | N/A     |         |
| 104    | MENS                            | SEALED<br>CONCRETE                  | SHERWIN<br>WILLIAMS ACRYLIC<br>SILICONE SILK<br>CHOCOLATE<br>HC-117 | 4" RUBBER<br>/ VINYL<br>BASE | BLACK  | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                                 | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                                                                                                       | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                                  | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                                                                                                       | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                                 | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                                                                                                       |                                                   | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                  | GYP BD OR<br>ACT CEILING<br>@ 8'-0" A.F.F.  | WHITE   |         |
| 105    | WOMENS                          | SEALED<br>CONCRETE                  | SHERWIN WILLIAMS ACRYLIC SILICONE SILK CHOCOLATE HC-117             | BASE                         | BLACK  | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                                 | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                                                                                                       |                                                                     | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                                                                                                       | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                                 | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                                                                                                       | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                | 8'-0" HIGH<br>FIBERGLASS<br>REINFORCED PANEL -<br>"WHITE"                                  | GYP BD OR<br>ACT CEILING<br>@ 8'-0" A.F.F.  | WHITE   |         |
| 106    | VESTIBULE<br>(WHEN<br>REQUIRED) | POLISHED<br>CONCRETE<br>(STEPS 1-8) | POLISHED<br>CONCRETE<br>WITH SEALER                                 | 4" RUBBER<br>/ VINYL<br>BASE | BLACK  | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.                                | SHERWIN WILLIAMS -<br>SW6991 BLACK<br>MAGIC, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                       |                                                                     | SHERWIN WILLIAMS -<br>SW6991 BLACK<br>MAGIC, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                       | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.                                | SHERWIN WILLIAMS -<br>SW6991 BLACK<br>MAGIC, PRO-MAR<br>LATEX SEMI-GLOSS.                                                                                                       | GYPSUM<br>BOARD TO<br>10'-0" A.F.F.               | SHERWIN WILLIAMS -<br>SW6991 BLACK<br>MAGIC, PRO-MAR<br>LATEX SEMI-GLOSS.                  | GYP BD OR<br>ACT CEILING<br>@ 10'-0" A.F.F. | WHITE   |         |
| 107    |                                 | POLISHED<br>CONCRETE<br>(STEPS 1-8) | POLISHED<br>CONCRETE<br>WITH SEALER                                 | 4" RUBBER<br>/ VINYL<br>BASE | BLACK  | GYPSUM<br>BOARD TO<br>8'-0" A.F.F.                                 | SHERWIN WILLIAMS -<br>SW6991 BLACK MAGIC,<br>PRO-MAR LATEX<br>SEMI-GLOSS TO 48" AFF.<br>SHERWIN WILLIAMS -<br>SW7005 PURE WHITE,<br>PRO-MAR LATEX SEMI-<br>GLOSS ABOVE 48" AFF. | GYPSUM<br>BOARD TO<br>8'-0" AFF                                     | SHERWIN WILLIAMS -<br>SW6991 BLACK MAGIC,<br>PRO-MAR LATEX<br>SEMI-GLOSS TO 48" AFF.<br>SHERWIN WILLIAMS -<br>SW7005 PURE WHITE,<br>PRO-MAR LATEX SEMI-<br>GLOSS ABOVE 48" AFF. | GYPSUM<br>BOARD TO<br>8'-0" AFF                                    | SHERWIN WILLIAMS -<br>SW6991 BLACK MAGIC,<br>PRO-MAR LATEX<br>SEMI-GLOSS TO 48" AFF.<br>SHERWIN WILLIAMS -<br>SW7005 PURE WHITE,<br>PRO-MAR LATEX SEMI-<br>GLOSS ABOVE 48" AFF. | GYPSUM<br>BOARD TO<br>8'-0" A.F.F. ON<br>BULKHEAD | SHERWIN WILLIAMS -<br>SW7005 PURE WHITE,<br>PRO-MAR LATEX<br>SEMI- GLOSS ABOVE<br>48" AFF. | ACT CEILING<br>@ 8'-0" A.F.F.               | WHITE   |         |

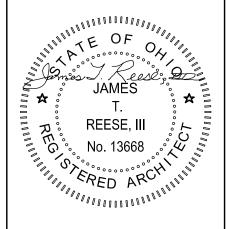




SALES FLOOR PAINT ELEVATIONS

SCALE: 1/8"=1'-0"

STORE PLANNING Inc 3080 SENNA DRIVE Matthews, North Carolina 28105 Phone: 704-841-7288 Fax: 704-849-6997



# DATE REVISION

GENERAL 

ELEVATIONS

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FINISH SCHEDULE

SPI Client DATE 04-18-16